## **How to Start a Service Business**

By the **BizMove.com** Team

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## 1. Determining the Feasibility of Your New Business

## A. Preliminary Analysis

This guide is a checklist for the owner/manager of a business enterprise or for one contemplating going into business for the first time. The questions concentrate on areas you must consider seriously to determine if your idea represents a real business opportunity and if

you can really know what you are getting into. You can use it to evaluate a completely new venture proposal or an apparent opportunity in your existing business.

Perhaps the most crucial problem you will face after expressing an interest in starting a new business or capitalizing on an apparent opportunity in your existing business will be determining the feasibility of your idea. Getting into the right business at the right time is simple advice, but advice that is extremely difficult to implement. The high failure rate of new businesses and products indicates that very few ideas result in successful business ventures, even when introduced by well established firm. Too many entrepreneurs strike out on a business venture so convinced of its merits that they fail to thoroughly evaluate its potential.

This checklist should be useful to you in evaluating a business idea. It is designed to help you screen out ideas that are likely to fail before you invest extensive time, money, and effort in them.

## **Preliminary Analysis**

A feasibility study involves gathering, analyzing and evaluating information with the purpose of answering the question: "Should I go into this business?" Answering this question involves first a preliminary assessment of both personal and project considerations.

#### **General Personal Considerations**

The first seven questions ask you to do a little introspection. Are your personality characteristics such that you can both adapt to and enjoy business ownership/management?

- 1. Do you like to make your own decisions?
- 2. Do you enjoy competition?
- 3. Do you have will power and self-discipline?
- 4. Do you plan ahead?
- 5. Do you get things done on time?
- 6. Can you take advise from others?
- 7. Are you adaptable to changing conditions?

The next series of questions stress the physical, emotional, and financial strains of a new business.

- 8. Do you understand that owning your own business may entail working 12 to 16 hours a day, probably six days a week, and maybe on holidays?
- 9. Do you have the physical stamina to handle a business?
- 10. Do you have the emotional strength to withstand the strain?
- 11. Are you prepared to lower your standard of living for several months or years?

12. Are you prepared to loose your savings? Specific Personal Considerations 1. Do you know which skills and areas of expertise are critical to the success of your project? 2. Do you have these skills? 3. Does your idea effectively utilize your own skills and abilities? 4. Can you find personnel that have the expertise you lack? 5. Do you know why you are considering this project? 6. Will your project effectively meet your career aspirations The next three questions emphasize the point that very few people can claim expertise in all phases of a feasibility study. You should realize your personal limitations and seek appropriate assistance where necessary (i.e. marketing, legal, financial). 7. Do you have the ability to perform the feasibility study? 8. Do you have the time to perform the feasibility study? 9. Do you have the money to pay for the feasibility study done? **General Project Description** 1. Briefly describe the business you want to enter. 2. List the products and/or services you want to sell

3. Describe who will use your products/services

4. Why would someone buy your product/service?

5. What kind of location do you need in terms of type of neighborhood, traffic count, nearby firms, etc.?

6. List your product/services suppliers.

7.	List your major competitors - those who sell or provide like products/services.
8.	List the labor and staff you require to provide your products/services.

## **B. Requirements For Success**

To determine whether your idea meets the basic requirements for a successful new project, you must be able to answer at least one of the following questions with a "yes."

- 1. Does the product/service/business serve a presently unserved need?
- 2. Does the product/service/business serve an existing market in which demand exceeds supply?
- 3. Can the product/service/business successfully compete with an existing competition because of an "advantageous situation," such as better price, location, etc.?

## Major Flaws

A "Yes" response to questions such as the following would indicate that the idea has little chance for success.

- 1. Are there any causes (i.e., restrictions, monopolies, shortages) that make any of the required factors of production unavailable (i.e., unreasonable cost, scare skills, energy, material, equipment, processes, technology, or personnel)?
- 2. Are capital requirements for entry or continuing operations excessive?
- 3. Is adequate financing hard to obtain?
- 4. Are there potential detrimental environmental effects?
- 5. Are there factors that prevent effective marketing?

## C. Desired Income

The following questions should remind you that you must seek both a return on your investment in your own business as well as a reasonable salary for the time you spend in operating that business.

1.	How much income do you desire?
2.	Are you prepared to earn less income in the first 1-3 years?
3.	What minimum income do you require?
4.	What financial investment will be required for your business?
5.	How much could you earn by investing this money?
6.	How much could you earn by working for someone else?
fro	Add the amounts in 5 and 6. If this income is greater that what you can realistically expect om your business, are you prepared to forego this additional income just to be your own boss th the only prospects of more substantial profit/income in future years?
8.	What is the average return on investment for a business of your type?

## **D. Preliminary Income Statement**

Besides return on investment, you need to know the income and expenses for your business. You show profit or loss and derive operating ratios on the income statement. Dollars are the (actual, estimated, or industry average) amounts for income and expense categories. Operating ratios are expressed as percentages of net sales and show relationships of expenses and net sales.

For instance 50,000 in net sales equals 100% of sales income (revenue). Net profit after taxes equals 3.14% of net sales. The hypothetical "X" industry average after tax net profit might be 5% in a given year for firms with 50,000 in net sales. First you estimate or forecast income (revenue) and expense dollars and ratios for your business. Then compare your estimated or actual performance with your industry average. Analyze differences to see why you are doing better or worse than the competition or why your venture does or doesn't look like it will float.

These basic financial statistics are generally available for most businesses from trade and industry associations, government agencies, universities and private companies and banks

Forecast your own income statement. Do not be influenced by industry figures. Your estimates must be as accurate as possible or else you will have a false impression.

1. What is the normal markup in this line of business. i.e., the dollar difference between the

1. What is the normal markup in this line of business. i.e., the dollar difference between the cost of goods sold and sales, expressed as a percentage of sales?
What is the average cost of goods sold percentage of sales?
3. What is the average inventory turnover, i.e., the number of times the average inventory is sold each year?
4. What is the average gross profit as a percentage of sales?
5. What are the average expenses as a percentage of sales?
6. What is the average net profit as a percent of sales?
7. Take the preceding figures and work backwards using a standard income statement forma and determine the level of sales necessary to support your desired income level.
8. From an objective, practical standpoint, is this level of sales, expenses and profit attainable?

## ANY BUSINESS, INC.

Condensed Hypothetical Income Statement For year ending December 31

Item	Amount		Percent
Gross sales Less returns, allowances,	773,888		
and cash discounts	14,872		
Net sales		759,016	100.00
Cost of goods sold		589,392	77.65
Gross profit on sales		169,624	22.35
Selling expenses	41,916		5.52
Administrative expenses	28,010		3.69
General expenses	50,030		6.59
Financial expenses	5,248		0.69
Total expenses		125,204	16.50
Operating profit		44,220	5.85
Extraordinary expenses		1,200	0.16
Net profit before taxes		43,220	5.69
taxes		19,542	2.57
Net profit after taxes		23,678	3.12

## E. Market Analysis

The primary objective of a market analysis is to arrive at a realistic projection of sales. after answering the following questions you will be in a better positions to answer question eight immediately above.

## **Population**

1. Define the geographical areas from which you can realistically expect to draw cust	
2.	What is the population of these areas?
3.	What do you know about the population growth trend in these areas?
4.	What is the average family size?

5. What is the age distribution?

6. What is the per capita income?
7. What are the consumers' attitudes toward business like yours?
8. What do you know about consumer shopping and spending patterns relative to your type of business?
9. Is the price of your product/service especially important to your target market?
10. Can you appeal to the entire market?
11. If you appeal to only a market segment, is it large enough to be profitable?
F. Competition
Who are your major competitors?
2. What are the major strengths of each?
3. What are the major weaknesses of each?
4. Are you familiar with the following factors concerning your competitors:  Price structure?
Product lines (quality, breadth, width)?

Location?
Promotional activities?
Sources of supply?
Image from a consumer's viewpoint?
5. Do you know of any new competitors?
6. Do you know of any competitor's plans for expansion?
7. Have any firms of your type gone out of business lately?
8. If so, why?
9. Do you know the sales and market share of each competitor?
10. Do you know whether the sales and market share of each competitor are increasing, decreasing, or stable?
11. Do you know the profit levels of each competitor?
12. Are your competitors' profits increasing, decreasing, or stable?
13. Can you compete with your competition?

# G. Sales

1.	Determine the to	otal sales volume in your market area.
2.	How accurate do	o you think your forecast of total sales is?
3.	Did you base yo	ur forecast on concrete data?
4.	Is the estimated	sales figure "normal" for your market area?
5.	Is the sales per	square foot for your competitors above the normal average?
6.	Are there conditi	ions, or trends, that could change your forecast of total sales?
dc yo	wn products occa	co carry items in inventory from season to season, or do you plan to mark asionally to eliminate inventories? If you do not carry over inventory, have asidered the effect of mark-down in your pricing? (Your gross profits margin
8.	How do you plar	n to advertise and promote your product/service/business?
	Forecast the shand as a percentag	are of the total market that you can realistically expect - as a dollar amount e of your market.
		nat you can create enough competitive advantages to achieve the market ast of the previous question?
	. Is your forecasesired or minimum	t of dollar sales greater than the sales amount needed to guarantee your n income?

14.	Are you willing to hire an expert to refine the sales forecast?
13.	Do you need to hire an expert to refine the sales forecast?
12.	Have you been optimistic or pessimistic in your forecast of sales?

## H. Supply

- 1. Can you make a list of every item of inventory and operating supplies needed?
- 2. Do you know the quantity, quality, technical specifications, and price ranges desired?
- 3. Do you know the name and location of each potential source of supply?
- 4. Do you know the price ranges available for each product from each supplier?
- 5. Do you know about the delivery schedules for each supplier?
- 6. Do you know the sales terms of each supplier?
- 7. Do you know the credit terms of each supplier?
- 8. Do you know the financial condition of each supplier?
- 9. Is there a risk of shortage for any critical materials or merchandise?
- 10. Are you aware of which supplies have an advantage relative to transportation costs?
- 11. Will the price available allow you to achieve an adequate markup?

#### I. Expenses

- 1. Do you know what your expenses will be for: rent, wages, insurance, utilities, advertising, interest, etc?
- 2. Do you need to know which expenses are Direct, Indirect, or Fixed?
- 3. Do you know how much your overhead will be?
- 4. Do you know how much your selling expenses will be?

#### Miscellaneous

1. Are you aware of the major risks associated with your product? Service Business?

- 2. Can you minimize any of these major risks?
- 3. Are there major risks beyond your control?
- 4. Can these risks bankrupt you? (fatal flaws)

## J. Venture Feasibility

- 1. Are there any major questions remaining about your proposed venture?
- 2. Do the above questions arise because of a lack of data?
- 3. Do the above questions arise because of a lack of management skills?
- 4. Do the above questions arise because of a "fatal flaw" in your idea?
- 5. Can you obtain the additional data needed?

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## 2. Starting Your Business Step by Step

## A. Things to Consider Before You Start

This guide will walk you step by step through all the essential phases of starting a successful service business. To profit in a service based business, you need to consider the following questions: What business am I in? What services do I provide? Where is my market? Who will buy? Who is my competition? What is my sales strategy? What merchandising methods will I use? How much money is needed to operate my firm? How will I get the work done? What management controls are needed? How can they be carried out? When should I revise my plan? And many more.

No one can answer such questions for you. As the owner-manager you have to answer them and draw up your business plan. The pages of this guide are a combination of text and workspaces so you can write in the information you gather in developing your business plan - a logical progression from a commonsense starting point to a commonsense ending point.

It takes time and energy and patience to draw up a satisfactory business plan. Use this Guide to get your ideas and the supporting facts down on paper. And, above all, make changes in your plan on these pages as that plan unfolds and you see the need for changes.

Bear in mind that anything you leave out of the picture will create an additional cost, or drain on your money, when it crops up later on. If you leave out or ignore enough items, your business is headed for disaster.

Keep in mind too, that your final goal is to put your plan into action. More will be said about this near the end of this Guide.

#### What's in this for Me?

You may be thinking: Why should I spend my time drawing up a business plan? What's in it for me? If you've never drawn up a plan, you are right in wanting to hear about the possible benefits before you do your work.

A business plan offers at least four benefits. You may find others as you make and use such a plan. The four are:

- (1) The first, and most important, benefit is that a plan gives you a path to follow. A plan makes the future what you want it to be. A plan with goals and action steps allows you to guide your business through turbulent economic seas and into harbors of your choice. The alternative is drifting into "any old port in a storm."
- (2) A plan makes it easy to let your banker in on the action. By reading, or hearing, the details of your plan he will have real insight into your situation if he is to lend you money.
- (3) A plan can be a communications tool when you need to orient sales personnel, suppliers, and others about your operations and goals.
- (4) A plan can help you develop as a manager. It can give you practice in thinking about competitive conditions, promotional opportunities, and situation that seem to be advantageous to your business. Such practice over a period of time can help increase an owner-manager's ability to make judgments.

## Why am I in Business?

Many enterprising people are drawn into starting their own business by the possibilities of making money and being their own boss. But the long hours, hard work, and responsibilities of being the boss quickly dispel and preconceived glamour.

Profit is the reward for satisfying consumer needs. But it must be worked for. Sometimes a new business might need two years before it shows a profit. So where, then, are reasons for having your own business?

Every business owner-manager will have his or her own individual reasons for being in business. For some, satisfaction come from serving their community. They take pride in serving their neighbors and giving them quality work which they stand behind. For others, their business offers them a chance to contribute to their employees' financial security.

There are as many rewards and reasons for being in business as there are business own Why are you in business?	ners.

#### What business am I in?

In making your business plan, the first question to consider is: What business am I really in. At the first reading this question may seem silly. "If there is one thing I know," you say to yourself, "it is what business I'm in." But hold on. Some owner-managers go broke and others waste their saving because they are confused about the business they are in.

The changeover of barbershops from cutting hair to styling hair is one example of thinking about what business you're really in.

Consider this example, also. Joe Riley had a small radio and TV store. He thought of his business as a retail store though he also serviced and repaired anything he sold. As his suburb grew, appliance stores emerged and cut heavily into his sales. However, there was an increased call for quality repair work.

When Mr. Riley considered his situation, he decided that he was in the repair business. As a result of thinking about what business he was really in, he profitably built up his repair business and has a contract to take care of the servicing and repair business for one of the appliance stores.

Decide what business you are in and write your answer in the following spaces. To help you decide, think of the answers to questions such as: What inventory of parts and materials must you keep on hand? What services do you offer? What services do people ask for that you do not offer? What is it you are trying to do better, more of, or differently from your competitors?

## How to Plan Your Marketing

When you have decided what business you're in, you have made your first marketing decision. Now you are ready for other important considerations.

Successful marketing starts with the owner-manager. You have to know your service and the needs of your customers.

The narrative and work blocks that follow are designed to help you work out a marketing plan for your firm. The blocks are divided into three sections:

Section One - Determining the Sales Potential

Section Two - Attracting Customers

Section Three - Selling to Customers

**Section One - Determining the Sales Potential** 

In the service business, your sales potential will depend on the area you serve. That is, how many customers in this area will need your services? Will your customers be industrial, commercial, consumer, or all of these?

When picking a site to locate your business, consider the nature of your service. If you pick up and deliver, you will want a site where the travel time will be low and you may later install a radio dispatch system. Or, if the customer must come to your place of business, the site must be conveniently located and easy to find.

You must pick the site that offers the best possibilities of being profitable. The following questions will help you think through this problem.

In selecting an area to serve, consider the following:

Population and its growth potential

Income, age, occupation of population

Number of competitive services in and around your proposed location

Local ordinances and zoning regulations

Type of trading area (commercial, industrial, residential, seasonal)

For additional help in choosing an area, you might try the local chamber of commerce and the manufacturer and distributor of any equipment and supplies you will be using.

You will want to consider the next list of questions in picking the specific site for your business:

Will the customer come to your place of business?

How much space do you need?

Will you want to expand later on?

Do you need any special features required in lighting, heating, ventilation?

Is parking available?

Is public transportation available?

Is the location conducive to drop-in customers?

Will you pick up and deliver?

Will travel time be excessive?

Will you prorate travel time to service call?

Would a location close to an expressway or main artery cut down on travel time?

If you choose a remote location, will savings in rent off-set the inconvenience?

If you choose a remote location, will you have to pay as much as you save in rent for advertising to make your service known? If you choose a remote location, will the customer be able to readily locate your business? Will the supply of labor be adequate and the necessary skills available? What are the zoning regulations of the area? Will there be adequate fire and police protection? Will crime insurance be needed and be available at a reasonable rate? I plan to locate in \_\_\_\_\_ because: Is the area in which you plan to locate supported by a strong economic base? For example, are nearby industries working full time? Only part time? Did any industries go out of business in the past several months? Are new industries scheduled to open in the next several months? Write your opinion of the area's economic base and your reason for that opinion here.: Will you build? \_\_\_\_\_ What are the terms of the loan or mortgage? Will you rent? \_\_\_\_\_ What are the terms of the lease? Is the building attractive? \_\_\_\_\_ In good repair? \_\_\_\_\_ Will it need remodeling? \_\_\_\_\_ Cost of remodeling? \_\_\_\_\_ What services does the landlord provide?

What is the competition in the area you have picked?
The number of firms that handle my service
Does the area appear to be saturated?
How many of these firms look prosperous?
Do they have any apparent advantages over you?
How many look as though they're barely getting by?
How many similar services went out of business in the area last year?
Can you find out why they failed?
How many new services opened up in the last year?
How much do your competitors charge for your service?
Which firm or firms in the area will be your biggest competition?
List the reasons for your opinion here:

## **Section Two - Attracting Customers**

When you have a location in mind, you should work through another aspect of marketing. How will you attract customers to your business? How will you pull customers away from your competition?

It is working with this aspect of marketing that many service firms find competitive advantages. The ideas which they develop are as good and often better, than those which large companies develop with hired brains. The workblocks that follow are designed to help you think about image, pricing, customer service policies, and advertising.

## **Image**

Whether you like it or not, your service business is going to have an image. The way people think of your firm will be influenced by the way you conduct your business. If people come to your place of business for your service, the cleanliness of the floors, the manner in which they are treated, and the quality of your work will help form your image. If you take your service to the customer, the conduct of your employees will influence your image. Pleasant, prompt, courteous service before and after the sale will help make satisfied customers your best form of advertising.

Thus, you can control your image, Whatever image you seek to develop. It should be concrete enough to promote in your advertising. For example, "service with a smile" is an often used image.

- 3	
Write out what image you want customers to have of your business.	
Pricing	
In setting prices for your service, there are four main elements you must consider:	
(1) Materials and supplies	
(2) Labor and operating expenses	
(3) Planned profit	
(4) Competition	
Further along in this Guide you will have the opportunity to figure out the specifics of materials, supplies, labor, and operating expenses. From there you may want the assistance of your accountant in developing a price structure that will not only be fair to the customer, but also fair to yourself. This means that not only must you cover all expenses but also allow enough margin to pay yourself a salary.	
One other thing to consider. Will you offer credit? Most businesses use a credit card system. These credit costs have to come from somewhere. Plan for them. If you use a credit card system, what will it cost you?	

Can you add to your prices to absorb this cost?

Some trade association have a schedule for service charges. It would be a good idea to check with the trade association for your line of business. Their figures will make a good yardstick to make sure your prices are competitive.

And, of course, your prices must be competitive. You've already found out your competitors' prices. Keep these in mind when you are working with your accountant. If you will not be able to make an adequate return, now is the time to find out.

#### **Customer Service Policies**

Customers expect certain services or conveniences, for example, parking. These services may be free to the customer, but not to you. If you do provide parking, you either pay for your own lot or pick up your part of the cost of a lot which you share with other businesses. Since these conveniences will be an expense, plan for them.

List the services that your competitors provide to customers:

Now list the services that you will provide your customers:
Service / Estimated Cost
Dianning Vous Advertising Activities
Planning Your Advertising Activities
In this section on attracting customers, advertising was saved until last because you have to have something to say before advertising can be effective. When you have an image, price range, and customers services, you are ready to tell prospective customers why they should use your services.
When the money you can spend on advertising is limited it is vital that your advertising be on target. Before you can think about how much money you can afford for advertising, take time to determine what jobs you want advertising to do for your business. The work blanks that follow should be helpful to your thinking.
The strong points about my service business are:
My service business is different from my competition in the following ways:
My advertising should tell customers and prospective customers the following facts about my business and services:

When you have these facts in mind, you now need to determine who you are going to tell it to. Your advertising needs to be aimed at a target audience - those people who are most likely to use your services. In the space

below, describe your customers in terms of age, sex, occupation, and whatever else is necessary depending on the nature of your business. This is your customer profile of "male and female automobile owners, 18 years old and above." Thus, for this repair business, anyone over 18 who owns a car is likely to need its service.

The customer p	profile for my	business is
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\_\_\_\_\_

Now you are ready to think about the form your advertising should take and its cost. You are looking for the most effective means to tell your story to those most likely to use your service. Ask the local media (newspapers, radio and television, and the printers of direct mail pieces) for information about the services and the results they offer for your money.

How you spend advertising money is your decision, but don't fall into the trap that snares many advertisers. As one consultant describes this pitfall: It is amazing the way many managers consider themselves experts on advertising copy and media selection without any experience in these areas.

The following blanks should be useful in determining what advertising is needed to sell your strong points to prospective customers.

Form of Advertising	Size of Audience	Frequency of Use	Cost of A Single Ad	Estimated Cost
	9			-
	-	<del></del>		
	8			·
	-	3 <del></del>	Total	

When you have a figure on what your advertising for the next 12 months will cost, check it against one of the operating ratios (expenses as a percentage of sales) which trade associations and other organizations gather. If your estimated cost for advertising is substantially higher than this average for your line of service, take a second look. No single expense item should be allowed to get way out of line if you want to make a profit. Your task in determining comes down to: How much can I afford to spend and still do the job that needs to be done?

## **Section Three - Selling to Customers**

To complete your work on marketing, you need to think about what you want to happen after you get a customer. Your goal is to provide your service, satisfy customers, and put money into the cash register.

One-time customers can't do the job. You need repeat customers to build a profitable annual sales volume. When someone returns for your service, it is probably because he was satisfied by his previous experience. Satisfied customers are the best form of advertising.

If you previously decided to work only for cash, take a hard look at your decision. Americans like to buy on credit. Often a credit card, or other system of credit and collections, is needed to attract and hold customers.

Based on this description and the dollar amount of business you indicated that you intend to do this year, fill in the following workblocks.

## **Fixtures and Equipment**

No matter whether or not customers will come to your place of business, there will be certain equipment and furniture you will need in your place of business which will allow you to perform your service.

#### **Parts and Material**

You will probably need some kind of parts or material to provide your service.	
I plan to buy parts and material from:	

Before you make any supply arrangements, examine the supplier's obsolescence policy. This can be a vital factor in service parts purchasing. You also look at the supplier's warranty policy.

Now that you have determined the parts and materials you'll need. you should think about the type of stock control system you'll use. A stock control system should enable you to determine what needs to be ordered on the basis of: (1) what is on hand, (2) what is on order, (3) what has been used. (Some trade associations and suppliers provide systems to members and customers.)

When you have decided on a system for stock control, estimate its cost. My system for stock control will cost me \_\_\_\_\_ for the first year.

#### **Overhead**

List the overhead items which will be needed. Examples are: rent, utilities, office help, insurance, interest, telephone, postage, accountant, payroll taxes, and licenses or other local taxes. If you plan to hire others to help you manage, their salaries should be listed as overhead.

## **Getting the Work Done**

An important step in setting up your business is to find and hire capable employees. Then you must train them to work together to get the job done. Obviously, organization is needed if your business is to produce what you expect it to produce, namely profits.

Organization is essential because you as the owner-manager cannot do all the work. As your organization grows, you have to delegate work, responsibility and authority. A helpful tool in getting this done is the organization chart. It shows at a glance who is responsible for the major activities of a business.

As an additional aid in determining both what needs to be done and who will do it, list each activity that is involved in your business. Next to the activity indicate who will do it. You may do this by name or some other designation such as "worker #1", Remember that a name may appear more than once.

Activity / Name				

## **How Much Money Will You Need**

At this point, take some time to think about what your business plan means in terms of dollars. This section is designed to help you put your plan into dollars.

The first question concerns the source of dollars. After your initial capital investment, the major source of money is the sale of your services. What dollar volume of business do you expect to do in the next 12 months? \_\_\_\_\_\_

## **Expenses**

In connection with your annual dollar volume of business, you need to think about expenses. If, for example you plan to do 100,000 in business, what will it cost you to do this amount of servicing? And even more important, what will be left over as profit at the end of the year? Never lose sight of the fact that profit is your pay. Even if you pay yourself a salary for living expenses, your business must make a profit if it is to continue year after year and pay back the money you invested in it.

The following workblock is designed to help you make a quick estimate of your expenses. To use this formula, you need to get only one figure - the cost of sales figure for your line of business. If you don't have this operating ratio, check with your trade association.

	Expressed in percentage	Expressed in dollars	your percentage	your dollars
1. Sales	100	100,000	100	\$
2. Cost of sales	-61.7	-61,700		-\$
3. Gross margin	38.3	38,300		\$
Start-Up Costs				
If you are starting a ne	w business, list the follo	owing estimated s	tart-up costs:	
Fixtures and equipmer	nt	<u> </u>		
Starting inventory		_		
Office supplies				
Decorating and remod	eling			
Installation of equipme	ent			
Deposits for utilities				
Legal and professiona	l fees		-	
Licenses and permits				
Advertising for the ope	ening	<u> </u>		
Operating cash		-		
Owner's withdraw duri	ng prep-start-up time			
Total		_		

Whether you have the funds (savings) or borrow them, your new business will have to pay back these start-up costs. Keep this fact in mind as you work on the "Expenses" section, and on other financial aspects of your plan.

## **Break Down Your Expenses**

Your quick estimate of expenses provides a starting point. The next step is to break down your expenses so they can be handled over the 12 months. Use an "Expenses Worksheet" form to make up an expense budget.

## **Matching Money and Expenses**

A budget helps you to see the dollar amount of your expenses each month. Then from month to month the question is: Will sales bring in enough money to pay the firm's bills on time? The answer is "maybe not" or "I hope so" unless the owner-manager prepares for the "peaks and valleys" that are in many service operations.

A cash forecast is a management tool which can eliminate much of the anxiety that can plague you if your business goes through lean months. Use a worksheet, "Estimated Cash Forecast", or ask your accountant to use it to estimate the amounts of cash you expect to flow through your business during the next 12 months.

## Is Additional Money needed?

Suppose at this point you have determined that your business plan needs more money than can be generated by sales. What do you do?

What you do depends on the situation. For example, the need may be for bank credit to tide your business over during the lean months. This loan can be repaid during the fat sales months when expenses are far less than sales. Adequate working capital is necessary for success and survival.

Whether an owner-manager seeks to borrow money for only a month or so or on a long-term basis, the lender needs to know whether the store's financial position is strong or weak. Your lender will ask to see a current balance sheet.

Even if you don't need to borrow, use it, to draw the "picture" of your firm's financial condition. Moreover, if you don't need to borrow money, you may want to show your plan to the bank that handles your store's checking account. It is never too early to build good relations with your banker, to show that you are a manager who knows where you want to go rather than a store owner who hopes to make a success.

#### **Control and Feedback**

To make your plan work you will need feedback. For example, the year-end profit and loss statement shows whether your business made a profit or loss for the past 12 months.

But you can't wait 12 months for the score. To keep your plan on target you need readings at frequent intervals. A profit and loss statement at the end of each month or at the end of each quarter is one type of frequent feedback. However, the income statement or profit and loss statement (P and L) may be more of a loss than a profit statement if you rely only on it. You must set up management controls which will help you to insure that the right things are being done from day to day and from week to week. In a new business, the record-keeping system should be set up before your business opens. After you're in business is too late. For one thing, you may be too busy to give a record-keeping system the proper attention.

The control system which you set up should give you information about: stock, sales, and disbursement. The simpler the system, the better. Its purpose is to give you current information. You are after facts with emphasis on trouble spots. Outside advisers, such as an accountant, can be helpful.

#### **Stock Control**

The purpose of controlling parts and materials inventory is to provide maximum service to your customers and to see that parts and materials are not lost through pilferage, shrinkage, errors, or waste. Your aim should be to achieve a high turnover on your inventory. The fewer dollars you tie up in inventory, the better.

In a business, inventory control helps the owner-manager to offer customers efficient service. The control system should enable you to determine what needs to be ordered on the basis of: (1) what is on hand, (2) what is on order, and (3) what has been used.

In setting up inventory controls, keep in mind that the cost of the inventory is not your only cost. You will also have costs such as the cost of purchasing, the cost of keeping control records, and the cost of receiving and storing your inventory.

#### Sales

In a small business, sales slips and cash register tapes give the owner-manager feedback at the end of each day. To keep on top of sales, you will need answers to questions such as: How many sales were made? What was the dollar amount? What credit terms were given to customers?

#### **Disbursements**

Your manager controls should also give you information about the dollars your company pays out. In checking on your bills, you do not want to know what major items, such as paying bills on time to get the supplier's discount, are being handled according to your policies. Your review system will also give you the opportunity to make judgments on the use of funds. In this manner, you can be on top of emergencies as well as routine situations. Your system should also keep you aware that tax moneys such as payroll income tax deductions, are set aside and paid out at the proper time.

## **Break-Even Analysis**

Break-even analysis is a management control device because the break-even point shows how much you must sell under given conditions in order to just cover your costs with No profit and No loss.

Profit depends on sales volume, selling price, and costs. Break-even analysis helps you to estimate what a change in one or more of these factors will do to your profits. To figure a break-even point, fixed costs, such as rent, must be separated from variable costs, such as the cost of sales and the other items listed under "controllable expenses" on the expense worksheet, of this Guide.

The formula is:

Break-even point (in sales dollars) =

Total fixed costs	
Total variable costs	-
Corresponding sales volume	

An example of the formula is: Bill Jackson plans to open a laundry. He estimates his fixed expenses at about \$9,000, the first year. He estimates his variable expenses at about \$700 for every \$1,000 of sales.

#### Is Your Plan Workable?

Stop when you have worked out your break-even point. Whether the break-even point looks realistic or way off base, it is time to make sure that your plan is workable.

Take time to re-examine your plan before you back it with money. If the plan is not workable better to learn it now than to realize 6 months down the road that you are pouring money into a losing venture.

In reviewing your plan, look at the cost figures you drew up when you broke down your expenses for one year. If any of your cost items are too high or too low, change them. You can write your changes in the white spaces above or below your original entries on that worksheet. When you finish making your adjustments, you will have a Revised projected statement of sales and expenses for 12 months.

With your revised figures work out a revised break-even point. Whether the new break-even point looks good or bad, take one or more precaution. Show your plan to someone who has not been involved in working out the details.

Your banker, or other advisor outside of your business may see weaknesses that failed to appear as you pored over the details of your plan. They may put a finger on strong points which your plan should emphasize.

#### **Put Your Plan into Action**

When your plan is as near on target as possible, you are ready to put it into action. Keep in mind that action is the difference between a plan and a dream. If a plan is not acted upon, it is of no more value than a pleasant dream that evaporates over the breakfast coffee.

A successful owner-manager does not stop after he has gathered information and drawn up a plan, as you have done in working through this Guide. He begins to use his plan.

At this point, look back over your plan. Look for things that must be done to put your plan into action.

What needs to be done will depend on your situation. For example, if your business plan calls for an increase in sales, one action to be done will be providing funds for this expansion.

Have you more money to put into this business?

Do you borrow from friends and relatives? From your bank? From your suppliers by arranging liberal commercial credit terms.

If you are starting a new business, one action step may be to get a loan for fixtures, employee salaries, and other expenses. Another action step will be to find and hire capable employees.

In the spaces that follow, list things that must be done to put your plan into action. Give each item a date so that it can be done at the appropriate time. To put my plan into action, I must do the following:

Action / Completion Date			
		-	

## **Keeping Your Plan Up To Date**

Once you put your plan into action, look out for changes. They can cripple the best made business plan if the owner-manager lets them.

Stay on top of changing conditions and adjust your business plan accordingly.

Sometimes the change is made within your company. For example, several of your employees quit their jobs. Sometimes the change is with customers: for example, their desires and tastes shift. Sometimes the change is technological as when raw materials are put on the market introducing the need for new processes and procedures.

In order to adjust your plan to account for such changes, an owner-manager must:

- (1) Be alert to the changes that come in your company, line of business, market, and customers.
- (2) Check your plan against these changes.
- (3) Determine what revisions, if any, are needed in your plan.

The method you use to keep your plan current so that your business can weather the forces of the market place is up to you. Read the trade papers and magazines for your line of business. Another suggestion concerns your time. Set some time - two hours, three hours, whatever is necessary-to review your plan periodically. Once each month, or every other month, go over your plan to see whether it needs adjusting. If revisions are needed, make them and put them into action.

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3. Complete Service Business Plan Template

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# <u>APPENDIX</u>

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## 1.0 Executive Summary

COMPANY NAME is a non-diagnostic, non-medical procedure for client's enjoyment only. The client does not need a prescription or referral from their doctor; however the company will require that the client is currently visiting a doctor for prenatal care COMPANY NAME will recommend that clients inform their medical providers of their decision to receive a 3D/4D sonogram.

The purpose of this business plan is to illustrate the need for start-up funding from the parent company. The Company is owned by **INSERT NAME** (51%) and **INSERT NAME** (49%).

The funds awarded will be used for start-up costs, including but not limited to an ultrasound machine, initial staffing requirements, office equipment and supplies and an aggressive advertising campaign.

## 1.1 Objectives

COMPANY NAME objective is to a build quality service that provides high quality ultrasound images that are preserved so that expectant mothers' precious time can be enjoyed always and shared with friends and family.

The company's goals include:

- To provide a memorable experience that is documented and preserved for expectant parents and families.
- To provide information on the sex of the baby within the womb so that families can plan accordingly for a boy or a girl.
- To provide a service to the U.S. State of Montana for families that at this time does not exist. Many families travel across country or outside of the state for the same services that are currently no offered in their immediate area.

COMPANY NAME fundamental objective is to realize how it can impact the community that the company does business in, knowing that COMPANY NAME will stand the test of time if the local residents approve and support the center.

#### 1.2 Mission

The sole purpose for COMPANY NAME is to establish a profitable and well managed company while at the same time creating an atmosphere of fun and excitement for the entire family expecting a new addition to the family with an end product designed to please the family's local residents as well as families that reside in the surrounding areas.

#### 1.3 Keys to Success

Keys to success for **COMPANY NAME** will include:

- Maintaining a reputable and untarnished reputation in the community.
- To provide gender verification if my clientele wants it.
- To provide exceptional service to expectant parents/families,
- To provide a 4D ultrasound session that gives mothers, fathers and family members a unique opportunity to bond with the baby by seeing ultrasound images that technology in the past could not provide.
- To provide 3-4 new jobs, therefore stimulating the local economy.

## 2.0 Company Summary

COMPANY NAME will offer 3D/4D ultrasound images of unborn children in the sense photography. If expecting parents want to know the sex of their unborn child, COMPANY NAME will be able to determine this for clients. The ultrasound

imaging is non-invasive and non-diagnostic, for entertainment purposes only and provides a truly unique way for expectant parents/ families to bond and see their unborn child. The company feels the name of the business will sell its self as well as tell the consumer what exactly what is being offering.

Currently there is not any competition for COMPANY NAME No other company or service in the State of Montana is currently offering this service. COMPANY NAME will be the best because the company will have the newest equipment available as well as employees that will be trained and would have worked in this field before.

COMPANY NAME is a non-diagnostic, non-medical procedure for client's enjoyment only. The client does not need a prescription or referral from their doctor; however the company will require that the client is currently visiting a doctor for prenatal care COMPANY NAME will recommend that clients inform their medical providers of their decision to receive a 3D/4D sonogram.

The owners are INSERT NAME. INSERT NAME has two children of her own and came across a quandary when the two were expecting. She too wanted to utilize a service such as this but none was available in the near vicinity. Therefore, she traveled to Southern California in order to have her needs fulfilled. There are services in California for gender identification, bonding and images of an unborn child, but not in the State of Montana. COMPANY NAME seeks to make that service readily available in the company's demographic area.

#### 2.1 Company Ownership

COMPANY NAME is an S Corporation organized in the state of Montana. The two owners are INSERT NAME (51%) and INSERT NAME (49%).

#### 2.2 Start-up Summary

The company founders, INSERT NAME, will handle day-to-day operations of the business and will work collaboratively with their employees to ensure that this business venture is a success.

It is estimated that the start-up costs will be \$340,000 (including legal costs, advertising, equipment, and ultrasound machine and other related expenses). Once the parent company receives the requested grant funding amount, a portion will be applied to the start-up costs.

Table: Start-up

Start-up	
Requirements	
Start-up Expenses	
Utilities	\$5,000
Advertising	\$75,000
Phone/Fax	\$5,000
Insurance	\$20,000
Legal	\$8,000
Office Supplies	\$10,000
Repairs and Maintenance	\$2,000
Web Design	\$10,000
Inventory	\$5,000
Travel Expense	\$5,000
Auto/Truck Expense	\$20,000
Total Start-up Expenses	\$165,000
Start-up Assets	
Cash Required	\$20,000
Other Current Assets	\$30,000
Long-term Assets	\$125,000
Total Assets	\$175,000

#### 3.0 Services

INSERT NAME will provide a voluntary, non-intrusive, non-diagnostic videotaped 4D ultrasound to facilitate parent bonding and this is for sentimental purposes only. 4D Ultrasound videos and 3D ultrasound pictures are not for use in medical analysis and/or physical diagnosis. COMPANY NAME does not give fetal measurements, will not establish or give an opinion on gestational week or due dates, will not establish fetal heart rate, and will not give any physical diagnosis regarding a pregnancy or fetus or viability of same. COMPANY NAME seeks to provide a service where the family can bond with the baby while still in the womb and determine the gender of the child for planning purposes if the client so desires.

#### 4.0 Market Analysis Summary

Compared to the traditional 2-D images, the 3-D portraits and videos offer much more detail of the fetuses' features, such as the face, fingers, toes, heart, and genitals. They also promise to highlight endearing womb activity such as yawns, winks, kicks, rubbing of noses, and thumb sucking.

As of the census of 2000, there were 67,831 people, 26,323 households, and 16,188 families residing in the county. The population density was 26 people per square mile (10/km²). There were 29,489 housing units at an average density of 11 per square mile (4/km²). The racial makeup of the county was:

96.20% White

0.23% Black or African American

0.88% Native American

0.89% Asian

0.06% Pacific Islander

0.54% from other races

1.19% from two or more races

1.54% of the population was Hispanic or Latino of any race. 23.7% were of German, 11.2% Irish, 10.4% English, 9.0% Norwegian and 5.5% American ancestry according to Census 2000. There were 26,323 households out of which 29.70% had children under the age of 18 living with them, 51.80% were married couples living together, 6.60% had a female householder with no husband present, and 38.50% were non-families. 24.10% of all households were made up of individuals and 5.70% had someone living alone who was 65 years of age or older. The average household size was 2.46 and the average family size was 2.94. In the county the population was spread out with 22.00% under the age of 18, 18.50% from 18 to 24, 30.40% from 25 to 44, 20.60% from 45 to 64, and 8.50% who were 65 years of age or older. The median age was 31 years. For every 100 females there were 108.30 males. For every 100 females age 18 and over, there were 108.70 males. The median income for a household in the county was \$38,120, and the median income for a family was \$46,639. Males had a median income of \$30,866 versus \$21,330 for females. The per capita income for the county was \$19,074. About 6.30% of families and 12.80% of the population were below the poverty line, including 10.50% of those under age 18 and 5.60% of that age 65 or over.

As is easily concluded, synthetic lawn prices for installation are negligible compared to the lifetime return on your investment. Synthetic grass is an application that pays for itself. To add to the cost savings, a number of municipal water districts offer credits/rebates for the installation of synthetic lawn at customer's homes.

In the second year, Big Sky Synthetic Lawns, Inc. will expand service beyond the county of Gallatin to the neighboring counties in the state of Montana.

Keepsake ultrasounds have become so popular that dozens of sites have opened up nationwide. The centers have names such as Little Sprout Imaging, Baby Insight, Peekaboobaby, and First Look Sonogram.

One company, Fetal Fotos, has branches in 22 states. Another firm, 3DBabyVu, has four locations in the San Francisco Bay Area and claims to perform up to 200 screenings per site each month.

The FDA and several medical organizations such as the American Institute of Ultrasound in Medicine (AIUM) have come out against the so-called entertainment sonograms, citing potential health hazards with non-medically justified ultrasound energy and possible misinterpretation of sonograms by patients and unskilled personnel.

The FDA considers it illegal for anyone to promote, sell, or lease ultrasound equipment for the purpose of making keepsake fetal videos, particularly if there is no medical prescription.

The official disapprovals have apparently not swayed some doctors and patients. The diverse makeup of each keepsake ultrasound business makes it difficult for the FDA to take action. In the past, officials have sent warning letters to rule breakers and seized equipment.

According to the AIUM, diagnostic ultrasound has been around since the late 1950s. Since its use, there has been no significant evidence showing imaging harms patients or operators.

"People seem to love it, some fathers are 'Wow!" the owner of Fetal Fotos in Meridian, Scot Halladay said. "It's a great experience for the fathers, and some of them get pretty emotional. Often they don't feel part of the pregnancy until they see an actual baby in there."

Halladay said his franchise covers all of Idaho. People travel to his shop from as far away as Mountain Home, Twin Falls, eastern Oregon and McCall. Tourists pass through from the Midwest. He estimated that his shop performs between 30 and 50 ultrasounds per month, and is hoping for more. Halladay said that a majority of obstetricians remain unaware of the business, or see it as competition, while others refer their patients directly to him.

For an example, medical ultrasounds usually cost around \$160 to \$280. Fetal Fotos offers packages ranging from basic pregnancy verification without gender determination at \$50, to 4-D videos at \$175 per session, including DVD and color prints.

COMPANY NAME currently does not have any competitors in the vicinity and also has plans to expand to a franchise chain eventually, filling the hole in the market in Montana and surrounding areas in that part of the country.

#### 4.1 Market Segmentation

**COMPANY NAME** has a focus on meeting the local need for ultrasound portrait services within the US State of Montana.

### **Expectant Parents**

The company wants to establish a significantly large client base in order to establish a healthy, consistent revenue base to ensure stability of the business. Customer relations are extremely important; as it is imperative to keep expectant parents pleased in order for receive word-of-mouth referrals.

## **Families of Expectant Parents**

**COMPANY NAME** services would also make a great gift from family members to expectant parents.

Table: Market Analysis

Market Analysis							
		2010	2011	2012	2013	2014	
Potential Customers	Growth						CAGR
Expecting Parents	5%	584,993	614,243	644,955	677,203	711,063	5.00%
Families of Expecting Parents	5%	389,996	409,496	429,971	451,470	474,044	5.00%
Total	5.00%	974,989	1,023,739	1,074,926	1,128,673	1,185,107	5.00%

#### 4.2 Target Market Segment Strategy

The target market for COMPANY NAME is expectant couples. Referral marketing is the key type of marketing strategy utilized in addition to a distinct online presence. Maintaining and further enhancing the company's reputation in the community is crucial to gaining additional market share of this target market.

#### 4.3 Service Business Analysis

The ultrasound portrait industry is lucrative, as mentioned before. There are currently not any centers that provide quality ultrasound portraits and video for expecting parents in the same area as <a href="COMPANY NAME">COMPANY NAME</a>. The ultrasound portrait industry is split between large, commercially-run centers and smaller, locally-owned centers, but not in the state of Montana. <a href="COMPANY NAME">COMPANY NAME</a> will not have to compete with any other like business in the vicinity. There are other services in far outlying areas and this is where the main competition lies. The company is confident that this will be a successful venture because of the quality of its managers and the capability of its Care Staff, which is mentioned in more detail in the Personnel section.

### 4.3.1 Competition and Buying Patterns

The main competitors in the ultrasound portrait and video industries are Fetal Fotos, and franchise company in the state of Idaho, and Picture and Angel, a company located in Lake Forest, California. They both offer the same services that COMPANY NAME will offer; however they do not reach the company's demographic.

### 5.0 Strategy and Implementation Summary

The goals of COMPANY NAME. is to provide 3-4 new jobs immediately, stimulate the local and state economy and in the future branch out and offer these high quality

services in other cities in Montana, creating even more jobs COMPANY NAME will offer the highest in quality and the most positive experience for expectant parents/families.

COMPANY NAME will be creating a website, advertising on TV commercials, broadcasting radio ads and advertising in the phone book. As previously mentioned, the company feels the name of the business will sell its self as well as tell the consumer what exactly COMPANY NAME. is offering. Customers will either find the location on the internet or by advertisements and call and schedule an ultrasound appointment accordingly. There is virtually no competition for COMPANY NAME as no other company in the State of Montana is offering this service.

COMPANY NAME will provide a voluntary, non-intrusive, non-diagnostic videotaped 4D ultrasound to facilitate parent bonding and this is for sentimental purposes only. 4D Ultrasound videos and 3D ultrasound pictures are not for use in medical analysis and/or physical diagnosis. COMPANY NAME does not give fetal measurements, will not establish or give an opinion on gestational week or due dates, will not establish fetal heart rate, and will not give any physical diagnosis regarding a pregnancy or fetus or viability of same. COMPANY NAME seeks to provide a service where the family can bond with the baby while still in the womb and determine the gender of the child for planning purposes if the client so desires.

### 5.1 Competitive Edge

The company seeks to establish a competitive edge in its new target market segment by increasing the level of customer contact and service that other competitors seem to oftentimes lack. Additionally, <a href="COMPANY NAME">COMPANY NAME</a> possesses the necessary skills to produce the high quality products that are needed in this field. The establishment of the previously mentioned work processes that will ensure greater service will strengthen the contacts that promote word of mouth marketing and networking.

As previously mentioned, **COMPANY NAME** will be the only such business operating in the entire State of Montana.

#### 5.2 Marketing Strategy

An overview of the marketing plan includes:

- Flyers
- Local television commercial advertising
- Local telephone book advertising
- Website and online presence
- Word-of-mouth referrals
- High profile interaction between the company's managers, and the customers.

### 5.3 Sales Strategy

COMPANY NAME will be creating a website, advertising on TV commercials, broadcasting radio ads and advertising in the phone book. As previously mentioned, the company feels the name of the business will sell its self as well as tell the consumer what exactly COMPANY NAME is offering. Customers will either find the location on the internet or by advertisements and call and schedule an ultrasound appointment accordingly. There is virtually no competition for COMPANY NAME as no other company in the State of Montana is offering this service.

The company will also see profit within the first year due to beneficial word-of-mouth advertising.

#### 5.3.1 Sales Forecast

As the following table shows, the company plans to deliver sales of approximately \$221,071 in the first year, \$232,126 in the second year, and \$243,732 in the third year plan implementation.

Table: Sales Forecast

Sales Forecast			
	2010	2011	2012
Sales			
Gender Only Package	\$22,918	\$24,064	\$25,268
Bronze Package	\$70,185	\$73,695	\$77,379

Gold Package	\$57,295	\$60,160	\$63,168
Internet Special Package	\$70,673	\$74,207	\$77,917
Total Sales	\$221,071	\$232,126	\$243,732
Direct Cost of Sales	2010	2011	2012
Inventory	\$12,504	\$13,129	\$13,523
Film, Printing and Office Supplies	\$12,504	\$13,129	\$13,523
Subtotal Direct Cost of Sales	\$25,008	\$26,258	\$27,046

#### 5.4 Milestones

COMPANY NAME 's detailed milestones are shown in the following table and chart. The related budgets are included with the expenses shown in the projected Profit and Loss statement, which is in the financial analysis that comes in Chapter 7 of this plan.

One of the most important milestones for <a href="COMPANY NAME">COMPANY NAME</a> to accomplish is to establish a web presence. This particularly is indicated with the budget assigned for the website. A web presence is important to reach prospective clientele because, as there are no other services such as this in the state and the surrounding areas to date, clientele will be able to search out and find <a href="COMPANY NAME">COMPANY NAME</a> with ease and therefore have access to the company's services.

Table: Milestones

Milestones					
Milestone	Start Date	End Date	Budget	Manager	Department
Equipment Expense	6/18/2010	10/31/2010	\$125,000		Owners
Advertising	6/18/2010	12/31/2010	\$25,000		Owners
Office Equipment and Supplies	6/18/2010	10/31/2010	\$20,000		Owners
Website Design	6/18/2010	10/1/2010	\$10,000		Owners
Auto/Truck Expense	6/18/2010	11/1/2010	\$20,000		Owners
Totals			\$200,000		

### 6.0 Management Summary

The two principals of **COMPANY NAME**, **INSERT NAME**, will be the supervising parties within the company to begin.

As previously mentioned, **INSERT NAME** has also graduated with an Associate's Degree in Nursing.

#### 6.1 Personnel Plan

As the Personnel Plan shows, the company plans to hire one fulltime Ultrasound Technician and Manager, two part-time Ultrasound Technicians and one accountant/bookkeeper. The two principals, <a href="INSERT NAME">INSERT NAME</a>, will also be performing supervisor duties.

Table: Personnel

Personnel Plan			
	2010	2011	2012
Bookkeeper	\$20,000	\$20,600	\$21,218
Fulltime Ultrasound Tech	\$45,000	\$46,350	\$47,741
Part-time Ultrasound Tech	\$50,000	\$51,500	\$53,045
Total People	4	4	4
Total Payroll	\$115,000	\$118,450	\$122,004

#### 7.0 Financial Plan

Pregnansee 4D, Inc.'s financial plan is based on conservative estimates and assumptions. The company will need to plan on initial investment made by the parent company to make the financials work. The financial and start-up success will depend on the success of grant funding awarded to the parent company.

#### 7.1 Start-up Funding

An approximately \$500,000 loan will be obtained from the parent company will treat this as an asset on their records, it will be investing in COMPANY NAME.

The funds received by **COMPANY NAME** will be used for the purchase of an ultrasound machine, payroll for four employees to start, office equipment and supplies and other start-up costs. The company will also operate from a building that will be owned by the parent company.

Table: Start-up Funding

#### Start-up Funding

Start-up Expenses to Fund

\$165,000

Start-up Assets to Fund	\$175,000
Total Funding Required	\$340,000
Assets	
Non-cash Assets from Start-up	\$155,000
Cash Requirements from Start-up	\$20,000
Additional Cash Raised	\$0
Cash Balance on Starting Date	\$20,000
Total Assets	\$175,000
Liabilities and Capital	
Liabilities	
Current Borrowing	\$0
Long-term Liabilities	\$0
Accounts Payable (Outstanding Bills)	\$0
Other Current Liabilities (interest-free)	\$0
Total Liabilities	\$0
Capital	
Planned Investment	
Owner	\$0
Investor	\$0
Additional Investment Requirement	\$340,000

Total Planned Investment	\$340,000
Loss at Start-up (Start-up Expenses)	(\$165,000)
Total Capital	\$175,000
Total Capital and Liabilities	\$175,000
Total Funding	\$340,000

## 7.2 Important Assumptions

The following table shows the General Assumptions for **COMPANY NAME**.

## 7.3 Break-even Analysis

The Break-even Analysis is based on the average of the first-year figures for total sales and by operating expenses. These are presented as revenue and fixed costs. These conservative assumptions make for a more accurate estimate of real risk.

Table: Break-even Analysis

Break-even Analysis	
Monthly Revenue Break-even	\$16,199
Assumptions:	
Average Percent Variable Cost	11%
Estimated Monthly Fixed Cost	\$14,366

## 7.4 Projected Profit and Loss

As the Profit and Loss table shows, the company expects to continue its steady growth in profitability over the next three years of operations.

Table: Profit and Loss

Pro Forma Profit and Loss			
	2010	2011	2012
Sales	\$221,071	\$232,126	\$243,732
Direct Cost of Sales	\$25,008	\$26,258	\$27,046
Other Costs of Sales	\$0	\$0	\$0
Total Cost of Sales	\$25,008	\$26,258	\$27,046
Gross Margin	\$196,063	\$205,868	\$216,686
Gross Margin %	88.69%	88.69%	88.90%
Expenses			
Payroll	\$115,000	\$118,450	\$122,004
Marketing/Promotion	\$0	\$0	\$0
Depreciation	\$17,400	\$17,400	\$17,400
Rent	\$0	\$0	\$0
Utilities	\$9,996	\$10,296	\$10,605
Insurance	\$20,004	\$20,604	\$21,222
Office Operations	\$9,996	\$10,296	\$10,605
Total Operating Expenses	\$172,396	\$177,046	\$181,836

\$23,667	\$28,822	\$34,850
\$41,067	\$46,222	\$52,250
\$0	\$0	\$0
\$7,100	\$8,647	\$10,455
\$16,567	\$20,175	\$24,395
7.49%	8.69%	10.01%
	\$41,067 \$0 \$7,100 \$16,567	\$41,067 \$46,222 \$0 \$0 \$7,100 \$8,647 \$16,567 \$20,175

## 7.5 Projected Cash Flow

As can be seen from the Cash Flow chart and table below, COMPANY NAME has a number of advantages that provide for a large amount of growth in the company's cash account. Furthermore, the custom nature of the business means that there is very little inventory cost to speak of or accounts payable. Finally, the company does not possess any debt or long term capital assets that would affect the cash flow.

Table: Cash Flow

Pro Forma Cash Flow			
	2010	2011	2012
Cash Received			
Cash from Operations			
Cash Sales	\$221,071	\$232,126	\$243,732
Subtotal Cash from Operations	\$221,071	\$232,126	\$243,732
Additional Cash Received			
	ФО.	ФО.	<b>C</b> O
Sales Tax, VAT, HST/GST Received	\$0	\$0	\$0
New Current Borrowing	\$0	\$0	\$0
New Other Liabilities (interest-free)	\$0	\$0	\$0
New Long-term Liabilities	\$0	\$0	\$0
Sales of Other Current Assets	\$0	\$0	\$0
Sales of Long-term Assets	\$0	\$0	\$0
New Investment Received	\$500,000	\$0	\$0
Subtotal Cash Received	\$721,071	\$232,126	\$243,732
Expenditures	2010	2011	2012

Expenditures from Operations			
Cash Spending	\$115,000	\$118,450	\$122,004
Bill Payments	\$70,583	\$76,163	\$79,860
Subtotal Spent on Operations	\$185,583	\$194,613	\$201,864
Additional Cash Spent			
Sales Tax, VAT, HST/GST Paid Out	\$0	\$0	\$0
Principal Repayment of Current Borrowing	\$0	\$0	\$0
Other Liabilities Principal Repayment	\$0	\$0	\$0
Long-term Liabilities Principal Repayment	\$0	\$0	\$0
Purchase Other Current Assets	\$20,000	\$0	\$0
Purchase Long-term Assets	\$145,000	\$0	\$0
Dividends	\$0	\$0	\$0
Subtotal Cash Spent	\$350,583	\$194,613	\$201,864
Net Cash Flow	\$370,488	\$37,513	\$41,868
Cash Balance	\$390,488	\$428,002	\$469,870

# 7.6 Projected Balance Sheet

The following table presents the Balance Sheet for **COMPANY NAME** 

Table: Balance Sheet

Pro Forma Balance Sheet			
	2010	2011	2012
Assets			
Current Assets			
Cash	\$390,488	\$428,002	\$469,870
Other Current Assets	\$50,000	\$50,000	\$50,000
Total Current Assets	\$440,488	\$478,002	\$519,870
Long-term Assets			
Long-term Assets	\$270,000	\$270,000	\$270,000
Accumulated Depreciation	\$17,400	\$34,800	\$52,200
Total Long-term Assets	\$252,600	\$235,200	\$217,800
Total Assets	\$693,088	\$713,202	\$737,670
Liabilities and Capital	2010	2011	2012
Current Liabilities			
Accounts Payable	\$1,522	\$1,459	\$1,533
Current Borrowing	\$0	\$0	\$0
Other Current Liabilities	\$0	\$0	\$0
Subtotal Current Liabilities	\$1,522	\$1,459	\$1,533

Long-term Liabilities	\$0	\$0	\$0
Total Liabilities	\$1,522	\$1,459	\$1,533
Paid-in Capital	\$840,000	\$840,000	\$840,000
Retained Earnings	(\$165,000)	(\$148,433)	(\$128,258)
Earnings	\$16,567	\$20,175	\$24,395
Total Capital	\$691,567	\$711,742	\$736,137
Total Liabilities and Capital	\$693,088	\$713,202	\$737,670
Net Worth	\$691,567	\$711,742	\$736,137

### 7.7 Business Ratios

Business ratios for the years of this plan are shown below. Industry profile ratios based on the Standard Industrial Classification (SIC Code 3845), Electromedical and Electrotherapeutic Apparatus, are shown for comparison.

Table: Ratios

Ratio Analysis				
	2010	2011	2012	Industry Profile
Sales Growth	0.00%	5.00%	5.00%	7.21%
Percent of Total Assets				
Other Current Assets	7.21%	7.01%	6.78%	42.10%
Total Current Assets	63.55%	67.02%	70.47%	75.10%
Long-term Assets	36.45%	32.98%	29.53%	24.90%
Total Assets	100.00%	100.00%	100.00%	100.00%
Current Liabilities	0.22%	0.20%	0.21%	32.25%
Long-term Liabilities	0.00%	0.00%	0.00%	20.82%
Total Liabilities	0.22%	0.20%	0.21%	53.07%
Net Worth	99.78%	99.80%	99.79%	46.93%
Percent of Sales				
Sales	100.00%	100.00%	100.00%	100.00%
Gross Margin	88.69%	88.69%	88.90%	34.39%
Selling, General & Administrative Expenses	81.19%	80.00%	78.89%	13.15%
Advertising Expenses	0.00%	0.00%	0.00%	0.63%

Profit Before Interest and Taxes	10.71%	12.42%	14.30%	3.41%
Main Ratios				
Current	289.51	327.52	339.13	1.51
Quick	289.51	327.52	339.13	1.00
Total Debt to Total Assets	0.22%	0.20%	0.21%	56.95%
Pre-tax Return on Net Worth	3.42%	4.05%	4.73%	15.69%
Pre-tax Return on Assets	3.41%	4.04%	4.72%	6.75%

Additional Ratios	2010	2011	2012	
Net Profit Margin	7.49%	8.69%	10.01%	n.a
Return on Equity	2.40%	2.83%	3.31%	n.a
Activity Ratios				
Accounts Payable Turnover	47.39	52.14	52.14	n.a
Payment Days	6	7	7	n.a
Total Asset Turnover	0.32	0.33	0.33	n.a
Debt Ratios				
Debt to Net Worth	0.00	0.00	0.00	n.a
Current Liab. to Liab.	1.00	1.00	1.00	n.a
Liquidity Ratios				
Net Working Capital	\$438,967	\$476,542	\$518,337	n.a
Interest Coverage	0.00	0.00	0.00	n.a
Additional Ratios				
Assets to Sales	3.14	3.07	3.03	n.a
Current Debt/Total Assets	0%	0%	0%	n.a
Acid Test	289.51	327.52	339.13	n.a
Sales/Net Worth	0.32	0.33	0.33	n.a
Dividend Payout	0.00	0.00	0.00	n.a