

Business Plan

Elaborado por:

Turma B Informática 22/23 Universidade da Maia

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1 Executive Summary

1.1 The Quick Pitch

[In one sentence... what does our company do?]

[**Tip:** Being able to describe what your business does in just once sentence will be a huge asset to you as you talk about it with others. Work on refining your quick pitch again after completing your business plan.]

1.2 The Problem

[What problem are you solving for the consumer?]

[How big is the problem?]

[Are there currently any solutions out there?]

1.3 The Solution

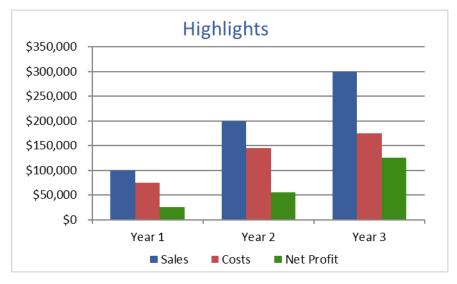
[How does your business solve the problem?]

[Is it a simple solution or a complex solution?]

[**Tip:** If it is complex, how can you make it simple, or describe it more simply?]

1.4 Highlights

[Type content here]



[Optional caption for graph]

1.5 Keys to Success

[What are the main steps you'll need to take to be successful (3-6 steps)?]

2 Our Team & Organization

2.1 Mission Statement

[This mission statement should be related to your team and organization]

2.2 Management & Team

[Who is working on this with you?]

[What are your backgrounds?]

[What industry experience do they have?]

[What makes your team qualified to make your business a success?]

[Who do you need to hire?]

Professional and Advisory Support					
Board of Directors	[names]				
Management Advisory Board					
Attorney					
Accountant					
Insurance Agent					
Banker					
Consultant(s)					
Mentors and Key Advisors					

2.3 Company Goals and Objectives

[Type content here]

3 Products & Services

[Type content here]

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4 Market Analysis

4.1 Market Summary

[How big is the market for your business & how much demand is there?]

4.2 Customers

[Describe your target audience.]

[How much will your target audience pay for your product/service?]



[Optional caption]

4.3 Competition

[How much competition is out there?]

[Who are your competitors and what are their strengths and weaknesses?]

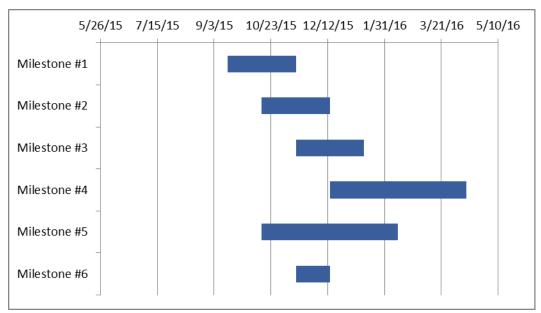
[How is your business and solution better than theirs?]

FACTOR	Me	Strength	Weakness	Competitor A	Competitor B	Importance to Customer
Products						
Price						
Quality						
Selection						
Service						
Reliability						
Stability						
Expertise						
Reputation						
Location						
Appearance						
Sales Method						
Credit Policies						
Advertising						
Image						

5.1 Milestones (Keys to Success)

[What are the main steps you'll need to take to be successful (3-6 steps)?]

[Figure Title]



[Copy this chart object from Excel and Paste it **as a picture** in this document]

Milestone	Start Date	Duration	End Date	Budget
Milestone #1	9/15/2015	60	11/14/2015	\$10,000
Milestone #2	10/15/2015	60	12/14/2015	\$20,000
Milestone #3	11/14/2015	60	1/13/2016	\$30,000
Milestone #4	12/14/2015	120	4/12/2016	\$20,000
Milestone #5	10/15/2015	120	2/12/2016	\$10,000
Milestone #6	11/14/2015	30	12/14/2015	\$20,000
Total				\$110,000

[See the Milestones worksheet in the companion workbook]

5.2 Customer Acquisition

[How will you gain customers?]

[How much money will it take to gain them?]

[What will your Customer Lifetime Value be?]

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5.3 Pricing Strategy and Revenue Model [What will your pricing strategy be?]

[What is your revenue model?]

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6.1 Start-up Expenses & Funding

[Briefly summarize the start-up expenses and sources for funding and explain any anomalies shown in the tables. Customize the expense and funding tables in the business plan companion spreadsheet then copy and paste them below.]

Start-up Expenses	
Fixed Costs	
Legal and Permits	\$5,000
Stationery and Supplies	\$3,000
Insurance	\$10,000
Rent	\$2,000
Office Equipment	\$5,000
Website Development	\$5,000
Print Advertisements	\$10,000
Brochures	\$5,000
Total Fixed Costs	\$45,000
Average Monthly Costs	
Rent	\$2,000
Utilities	\$5,000
Salaries / Wages	\$5,000
Total Average Monthly Costs	\$12,000
x Number of Months:	\$6
Total Monthly Costs	\$72,000
Total Startup Expenses	\$117,000
Start-up Assets	
Owner Funding	
Owner 1 Cash	\$50,000
Owner 2 Cash	\$50,000
Other	
Total Owner Funding	\$100,000
Loans	
Bank Loan 1	\$0
Bank Loan 2	\$0
Other	
Total Loans	\$0
Other	
Grant 1	\$0
Grant 2	\$0
Other	
Total Other Funding	\$0
Total Start-up Assets	\$100,000

6.2 Sales Forecast

[What assumptions are you making and how might they change?]

[See the sales forecast worksheet in the companion Excel workbook]

Units Sold	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Total Units Sold
Product/Service A	500	525	550	575	550	525	525	550	575	600	650	650	6775
Product/Service B	1500	1000	1000	1250	1250	1500	1500	1750	2000	2500	3000	3000	21250
Unit Price													Avg Unit Price
Product/Service A	\$19.99	\$19.99	\$19.99	\$19.99	\$19.99	\$19.99	\$19.99	\$19.99	\$19.99	\$19.99	\$19.99	\$19.99	\$19.99
Product/Service B	\$14.99	\$14.99	\$14.99	\$14.99	\$14.99	\$14.99	\$14.99	\$14.99	\$14.99	\$14.99	\$14.99	\$14.99	\$14.99
Sales Growth Rate													Avg Growth Rate
Product/Service A	0%	5%	5%	5%	-4%	-5%	0%	5%	5%	4%	8%	0%	2%
Product/Service B	0%	-33%	0%	25%	0%	20%	0%	17%	14%	25%	20%	0%	8%
Revenue													Total Revenue
Product/Service A	\$9,995	\$10,495	\$10,995	\$11,494	\$10,995	\$10,495	\$10,495	\$10,995	\$11,494	\$11,994	\$12,994	\$12,994	\$135,432
Product/Service B	\$22,485	\$14,990	\$14,990	\$18,738	\$18,738	\$22,485	\$22,485	\$26,233	\$29,980	\$37,475	\$44,970	\$44,970	\$318,538
Total Revenue	\$32,480	\$25,485	\$25,985	\$30,232	\$29,732	\$32,980	\$32,980	\$37,227	\$41,474	\$49,469	\$57,964	\$57,964	\$453,970
Unit COGS													Avg COGS
Product/Service A	\$4.50	\$4.50	\$4.50	\$4.50	\$4.50	\$4.50	\$4.50	\$4.50	\$4.50	\$4.00	\$4.00	\$4.00	\$4.38
Product/Service B	\$3.10	\$3.10	\$3.10	\$3.10	\$3.10	\$3.10	\$3.10	\$3.10	\$3.10	\$3.10	\$3.10	\$3.10	\$3.10
Margin Per Unit													Avg Margin
Product/Service A	\$15.49	\$15.49	\$15.49	\$15.49	\$15.49	\$15.49	\$15.49	\$15.49	\$15.49	\$15.99	\$15.99	\$15.99	\$15.62
Product/Service B	\$11.89	\$11.89	\$11.89	\$11.89	\$11.89	\$11.89	\$11.89	\$11.89	\$11.89	\$11.89	\$11.89	\$11.89	\$11.89
Gross Profit													Total
Product/Service A	\$7,745	\$8,132	\$8,520	\$8,907	\$8,520	\$8,132	\$8,132	\$8,520	\$8,907	\$9,594	\$10,394	\$10,394	\$105,895
Product/Service B	\$17,835	\$11,890	\$11,890	\$14,863	\$14,863	\$17,835	\$17,835	\$20,808	\$23,780	\$29,725	\$35,670	\$35,670	\$252,663
Total Gross Profit	\$25,580	\$20,022	\$20,410	\$23,769	\$23,382	\$25,967	\$25,967	\$29,327	\$32,687	\$39,319	\$46,064	\$46,064	\$358,557

6.3 3-Year Sales Forecast

[See the sales forecast worksheet in the companion Excel workbook]

Total Units Sold		Year 1	Year 2	Year 3	Yr 2 vs Yr 1	Yr 3 vs Yr 2
Product/Service B 21250 27250 33750 28% 24% Product/Service C 3650 4375 5500 20% 26% Avg Unit Price Difference Product/Service A \$19.99 \$19.99 \$0.00 \$0.00 Product/Service B \$14.99 \$14.99 \$0.00 \$0.00 Product/Service C \$49.99 \$54.99 \$59.99 \$5.00 \$5.00 Avg Sales Growth Rate Difference Product/Service A 2% 1% 2% -1% 1% Product/Service B 8% 6% 4% -2% -2% Product/Service C 8% 2% 3% -6% 1% Total Revenue Difference Product/Service A \$135,432 \$149,925 \$176,912 \$14,493 \$26,987 Product/Service B \$318,538 \$408,478 \$505,913 \$89,940 \$97,435 Product/Service C \$182,464 \$240,581 \$329,945	Total Units Sold				% Change	
Avg Unit Price Difference Product/Service A \$19.99 \$19.99 \$19.99 \$0.00 \$0.00 Product/Service B \$14.99 \$14.99 \$14.99 \$0.00 \$0.00 Product/Service C \$49.99 \$54.99 \$59.99 \$5.00 \$5.00 Avg Sales Growth Rate Difference Product/Service A 2% 1% 2% -1% 1% Product/Service B 8% 6% 4% -2% -2% Product/Service C 8% 2% 3% -6% 1% Total Revenue Difference Product/Service A \$135,432 \$149,925 \$176,912 \$14,493 \$26,987 Product/Service B \$318,538 \$408,478 \$505,913 \$89,940 \$97,435 Product/Service C \$182,464 \$240,581 \$329,945 \$58,117 \$89,364 Total Revenue \$636,434 \$798,984 \$1,012,770 \$162,550 \$213,786 Avg Unit COGS	Product/Service A	6775	7500	8850	11%	18%
Avg Unit Price Difference Product/Service A \$19.99 \$19.99 \$0.00 \$0.00 Product/Service B \$14.99 \$14.99 \$14.99 \$0.00 \$0.00 Product/Service C \$49.99 \$54.99 \$59.99 \$5.00 \$5.00 Avg Sales Growth Rate Difference Product/Service A 2% 1% 2% -1% 1% Product/Service B 8% 6% 4% -2% -2% Product/Service C 8% 2% 3% -6% 1% Total Revenue Difference Product/Service A \$135,432 \$149,925 \$176,912 \$14,493 \$26,987 Product/Service B \$318,538 \$408,478 \$505,913 \$89,940 \$97,435 Product/Service C \$182,464 \$240,581 \$329,945 \$58,117 \$89,364 Total Revenue \$636,434 \$798,984 \$1,012,770 \$162,550 \$213,786 Avg Unit COGS <	Product/Service B	21250	27250	33750	28%	24%
Product/Service A \$19.99 \$19.99 \$19.99 \$0.00 \$0.00 Product/Service B \$14.99 \$14.99 \$14.99 \$0.00 \$0.00 Product/Service C \$49.99 \$54.99 \$59.99 \$5.00 \$5.00 Avg Sales Growth Rate Difference Product/Service A 2% 1% 2% -1% 1% Product/Service B 8% 6% 4% -2% -2% Product/Service C 8% 2% 3% -6% 1% Total Revenue Product/Service A \$135,432 \$149,925 \$176,912 \$14,493 \$26,987 Product/Service B \$318,538 \$408,478 \$505,913 \$89,940 \$97,435 Product/Service C \$182,464 \$240,581 \$329,945 \$58,117 \$89,364 Total Revenue \$636,434 \$798,984 \$1,012,770 \$162,550 \$213,786 Avg Unit Cogs Product/Service A \$4.38 \$4.08 <t< td=""><td>Product/Service C</td><td>3650</td><td>4375</td><td>5500</td><td>20%</td><td>26%</td></t<>	Product/Service C	3650	4375	5500	20%	26%
Product/Service A \$19.99 \$19.99 \$19.99 \$0.00 \$0.00 Product/Service B \$14.99 \$14.99 \$14.99 \$0.00 \$0.00 Product/Service C \$49.99 \$54.99 \$59.99 \$5.00 \$5.00 Avg Sales Growth Rate Difference Product/Service A 2% 1% 2% -1% 1% Product/Service B 8% 6% 4% -2% -2% Product/Service C 8% 2% 3% -6% 1% Total Revenue Product/Service A \$135,432 \$149,925 \$176,912 \$14,493 \$26,987 Product/Service B \$318,538 \$408,478 \$505,913 \$89,940 \$97,435 Product/Service C \$182,464 \$240,581 \$329,945 \$58,117 \$89,364 Total Revenue \$636,434 \$798,984 \$1,012,770 \$162,550 \$213,786 Avg Unit Cogs Product/Service A \$4.38 \$4.08 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
Product/Service B \$14.99 \$14.99 \$14.99 \$0.00 \$0.00 Product/Service C \$49.99 \$54.99 \$59.99 \$5.00 \$5.00 Avg Sales Growth Rate Difference Product/Service A 2% 1% 2% -1% 1% Product/Service B 8% 6% 4% -2% -2% Product/Service C 8% 2% 3% -6% 1% Total Revenue Product/Service A \$135,432 \$149,925 \$176,912 \$14,493 \$26,987 Product/Service B \$318,538 \$408,478 \$505,913 \$89,940 \$97,435 Product/Service B \$318,538 \$408,478 \$505,913 \$89,940 \$97,435 Product/Service C \$182,464 \$240,581 \$329,945 \$58,117 \$89,364 Total Revenue \$636,434 \$798,984 \$1,012,770 \$162,550 \$213,786 Avg Unit COGS Difference Product/Service A \$4.38 \$4.08 \$3.	Avg Unit Price				Difference	
Product/Service C \$49.99 \$54.99 \$59.99 \$5.00 \$5.00	Product/Service A	\$19.99	\$19.99	\$19.99	\$0.00	\$0.00
Avg Sales Growth Rate Difference Product/Service A 2% 1% 2% -1% 1% Product/Service B 8% 6% 4% -2% -2% Product/Service C 8% 2% 3% -6% 1% Total Revenue Product/Service A \$135,432 \$149,925 \$176,912 \$14,493 \$26,987 Product/Service B \$318,538 \$408,478 \$505,913 \$89,940 \$97,435 Product/Service C \$182,464 \$240,581 \$329,945 \$58,117 \$89,364 Total Revenue \$636,434 \$798,984 \$1,012,770 \$162,550 \$213,786 Avg Unit COGS Product/Service A \$4.38 \$4.08 \$3.75 (\$0.30) (\$0.33) Product/Service B \$3.10 \$3.05 \$3.01 (\$0.05) (\$0.04) Product/Service C \$1.55 \$1.51 \$1.36 (\$0.04) (\$0.15) Avg Margin Per Unit Difference	Product/Service B	\$14.99	\$14.99	\$14.99	\$0.00	\$0.00
Product/Service A 2% 1% 2% -1% 1% Product/Service B 8% 6% 4% -2% -2% Product/Service C 8% 2% 3% -6% 1% Total Revenue Product/Service A \$135,432 \$149,925 \$176,912 \$14,493 \$26,987 Product/Service B \$318,538 \$408,478 \$505,913 \$89,940 \$97,435 Product/Service C \$182,464 \$240,581 \$329,945 \$58,117 \$89,364 Total Revenue \$636,434 \$798,984 \$1,012,770 \$162,550 \$213,786 Avg Unit COGS Product/Service A \$4.38 \$4.08 \$3.75 (\$0.30) (\$0.33) Product/Service B \$3.10 \$3.05 \$3.01 (\$0.05) (\$0.04) Product/Service C \$1.55 \$1.51 \$1.36 (\$0.04) (\$0.15) Avg Margin Per Unit Product/Service A \$15.62 \$15.91 \$16.24 <td< td=""><td>Product/Service C</td><td>\$49.99</td><td>\$54.99</td><td>\$59.99</td><td>\$5.00</td><td>\$5.00</td></td<>	Product/Service C	\$49.99	\$54.99	\$59.99	\$5.00	\$5.00
Product/Service A 2% 1% 2% -1% 1% Product/Service B 8% 6% 4% -2% -2% Product/Service C 8% 2% 3% -6% 1% Total Revenue Product/Service A \$135,432 \$149,925 \$176,912 \$14,493 \$26,987 Product/Service B \$318,538 \$408,478 \$505,913 \$89,940 \$97,435 Product/Service C \$182,464 \$240,581 \$329,945 \$58,117 \$89,364 Total Revenue \$636,434 \$798,984 \$1,012,770 \$162,550 \$213,786 Avg Unit COGS Product/Service A \$4.38 \$4.08 \$3.75 (\$0.30) (\$0.33) Product/Service B \$3.10 \$3.05 \$3.01 (\$0.05) (\$0.04) Product/Service C \$1.55 \$1.51 \$1.36 (\$0.04) (\$0.15) Avg Margin Per Unit Product/Service A \$15.62 \$15.91 \$16.24 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
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Product/Service C 8% 2% 3% -6% 1% Total Revenue Product/Service A \$135,432 \$149,925 \$176,912 \$14,493 \$26,987 Product/Service B \$318,538 \$408,478 \$505,913 \$89,940 \$97,435 Product/Service C \$182,464 \$240,581 \$329,945 \$58,117 \$89,364 Total Revenue \$636,434 \$798,984 \$1,012,770 \$162,550 \$213,786 Avg Unit COGS Product/Service A \$4.38 \$4.08 \$3.75 (\$0.30) (\$0.33) Product/Service B \$3.10 \$3.05 \$3.01 (\$0.05) (\$0.04) Product/Service C \$1.55 \$1.51 \$1.36 (\$0.04) (\$0.15) Avg Margin Per Unit Difference Product/Service A \$15.62 \$15.91 \$16.24 \$0.29 \$0.33 Product/Service B \$11.89 \$11.94 \$11.98 \$0.05 \$0.04 Product/Service C \$48.44 <td>Product/Service A</td> <td>2%</td> <td>1%</td> <td>2%</td> <td>-1%</td> <td>1%</td>	Product/Service A	2%	1%	2%	-1%	1%
Total Revenue Difference Product/Service A \$135,432 \$149,925 \$176,912 \$14,493 \$26,987 Product/Service B \$318,538 \$408,478 \$505,913 \$89,940 \$97,435 Product/Service C \$182,464 \$240,581 \$329,945 \$58,117 \$89,364 Total Revenue \$636,434 \$798,984 \$1,012,770 \$162,550 \$213,786 Avg Unit COGS Product/Service A \$4.38 \$4.08 \$3.75 (\$0.30) (\$0.33) Product/Service B \$3.10 \$3.05 \$3.01 (\$0.05) (\$0.04) Product/Service C \$1.55 \$1.51 \$1.36 (\$0.04) (\$0.15) Avg Margin Per Unit Product/Service A \$15.62 \$15.91 \$16.24 \$0.29 \$0.33 Product/Service B \$11.89 \$11.94 \$11.98 \$0.05 \$0.04 Product/Service C \$48.44 \$53.48 \$58.63 \$5.04 \$5.15 Total Gross Prof	Product/Service B	8%	6%	4%	-2%	-2%
Product/Service A \$135,432 \$149,925 \$176,912 \$14,493 \$26,987 Product/Service B \$318,538 \$408,478 \$505,913 \$89,940 \$97,435 Product/Service C \$182,464 \$240,581 \$329,945 \$58,117 \$89,364 Total Revenue \$636,434 \$798,984 \$1,012,770 \$162,550 \$213,786 Avg Unit COGS Product/Service A \$4.38 \$4.08 \$3.75 (\$0.30) (\$0.33) Product/Service B \$3.10 \$3.05 \$3.01 (\$0.05) (\$0.04) Product/Service C \$1.55 \$1.51 \$1.36 (\$0.04) (\$0.15) Avg Margin Per Unit Product/Service A \$15.62 \$15.91 \$16.24 \$0.29 \$0.33 Product/Service B \$11.89 \$11.94 \$11.98 \$0.05 \$0.04 Product/Service C \$48.44 \$53.48 \$58.63 \$5.04 \$5.15 Total Gross Profit Product/Service A \$105,895 \$1	Product/Service C	8%	2%	3%	-6%	1%
Product/Service A \$135,432 \$149,925 \$176,912 \$14,493 \$26,987 Product/Service B \$318,538 \$408,478 \$505,913 \$89,940 \$97,435 Product/Service C \$182,464 \$240,581 \$329,945 \$58,117 \$89,364 Total Revenue \$636,434 \$798,984 \$1,012,770 \$162,550 \$213,786 Avg Unit COGS Product/Service A \$4.38 \$4.08 \$3.75 (\$0.30) (\$0.33) Product/Service B \$3.10 \$3.05 \$3.01 (\$0.05) (\$0.04) Product/Service C \$1.55 \$1.51 \$1.36 (\$0.04) (\$0.15) Avg Margin Per Unit Product/Service A \$15.62 \$15.91 \$16.24 \$0.29 \$0.33 Product/Service B \$11.89 \$11.94 \$11.98 \$0.05 \$0.04 Product/Service C \$48.44 \$53.48 \$58.63 \$5.04 \$5.15 Total Gross Profit Difference Product/Service A						
Product/Service B \$318,538 \$408,478 \$505,913 \$89,940 \$97,435 Product/Service C \$182,464 \$240,581 \$329,945 \$58,117 \$89,364 Total Revenue \$636,434 \$798,984 \$1,012,770 \$162,550 \$213,786 Avg Unit COGS Product/Service A \$4.38 \$4.08 \$3.75 (\$0.30) (\$0.33) Product/Service B \$3.10 \$3.05 \$3.01 (\$0.05) (\$0.04) Product/Service C \$1.55 \$1.51 \$1.36 (\$0.04) (\$0.15) Avg Margin Per Unit Product/Service A \$15.62 \$15.91 \$16.24 \$0.29 \$0.33 Product/Service B \$11.89 \$11.94 \$11.98 \$0.05 \$0.04 Product/Service C \$48.44 \$53.48 \$58.63 \$5.04 \$5.15 Total Gross Profit Product/Service A \$105,895 \$119,431 \$143,868 \$13,536 \$24,437 Product/Service B \$252,663 \$3		·				
Product/Service C \$182,464 \$240,581 \$329,945 \$58,117 \$89,364 Total Revenue \$636,434 \$798,984 \$1,012,770 \$162,550 \$213,786 Avg Unit COGS Product/Service A \$4.38 \$4.08 \$3.75 (\$0.30) (\$0.33) Product/Service B \$3.10 \$3.05 \$3.01 (\$0.05) (\$0.04) Product/Service C \$1.55 \$1.51 \$1.36 (\$0.04) (\$0.15) Avg Margin Per Unit Difference Product/Service A \$15.62 \$15.91 \$16.24 \$0.29 \$0.33 Product/Service B \$11.89 \$11.94 \$11.98 \$0.05 \$0.04 Product/Service C \$48.44 \$53.48 \$58.63 \$5.04 \$5.15 Total Gross Profit Difference Product/Service A \$105,895 \$119,431 \$143,868 \$13,536 \$24,437 Product/Service B \$252,663 \$326,003 \$405,188 \$73,340 \$79,185		\$135,432	\$149,925	\$176,912	\$14,493	\$26,987
Avg Unit COGS Difference Product/Service A \$4.38 \$4.08 \$3.75 (\$0.30) (\$0.33) Product/Service B \$3.10 \$3.05 \$3.01 (\$0.05) (\$0.04) Product/Service C \$1.55 \$1.51 \$1.36 (\$0.04) (\$0.15) Avg Margin Per Unit Difference Product/Service A \$15.62 \$15.91 \$16.24 \$0.29 \$0.33 Product/Service B \$11.89 \$11.94 \$11.98 \$0.05 \$0.04 Product/Service C \$48.44 \$53.48 \$58.63 \$5.04 \$5.15 Total Gross Profit Product/Service A \$105,895 \$119,431 \$143,868 \$13,536 \$24,437 Product/Service B \$252,663 \$326,003 \$405,188 \$73,340 \$79,185 Product/Service C \$176,806 \$234,025 \$322,613 \$57,219 \$88,588	Product/Service B	. ,	\$408,478		\$89,940	\$97,435
Avg Unit COGS Product/Service A \$4.38 \$4.08 \$3.75 (\$0.30) (\$0.33) Product/Service B \$3.10 \$3.05 \$3.01 (\$0.05) (\$0.04) Product/Service C \$1.55 \$1.51 \$1.36 (\$0.04) (\$0.15) Avg Margin Per Unit Difference Product/Service A \$15.62 \$15.91 \$16.24 \$0.29 \$0.33 Product/Service B \$11.89 \$11.94 \$11.98 \$0.05 \$0.04 Product/Service C \$48.44 \$53.48 \$58.63 \$5.04 \$5.15 Total Gross Profit Product/Service A \$105,895 \$119,431 \$143,868 \$13,536 \$24,437 Product/Service B \$252,663 \$326,003 \$405,188 \$73,340 \$79,185 Product/Service C \$176,806 \$234,025 \$322,613 \$57,219 \$88,588	Product/Service C	\$182,464	\$240,581	· · · ·	\$58,117	
Product/Service A \$4.38 \$4.08 \$3.75 (\$0.30) (\$0.33) Product/Service B \$3.10 \$3.05 \$3.01 (\$0.05) (\$0.04) Product/Service C \$1.55 \$1.51 \$1.36 (\$0.04) (\$0.15) Avg Margin Per Unit Product/Service A \$15.62 \$15.91 \$16.24 \$0.29 \$0.33 Product/Service B \$11.89 \$11.94 \$11.98 \$0.05 \$0.04 Product/Service C \$48.44 \$53.48 \$58.63 \$5.04 \$5.15 Total Gross Profit Product/Service A \$105,895 \$119,431 \$143,868 \$13,536 \$24,437 Product/Service B \$252,663 \$326,003 \$405,188 \$73,340 \$79,185 Product/Service C \$176,806 \$234,025 \$322,613 \$57,219 \$88,588	Total Revenue	\$636,434	\$798,984	\$1,012,770	\$162,550	\$213,786
Product/Service A \$4.38 \$4.08 \$3.75 (\$0.30) (\$0.33) Product/Service B \$3.10 \$3.05 \$3.01 (\$0.05) (\$0.04) Product/Service C \$1.55 \$1.51 \$1.36 (\$0.04) (\$0.15) Avg Margin Per Unit Product/Service A \$15.62 \$15.91 \$16.24 \$0.29 \$0.33 Product/Service B \$11.89 \$11.94 \$11.98 \$0.05 \$0.04 Product/Service C \$48.44 \$53.48 \$58.63 \$5.04 \$5.15 Total Gross Profit Product/Service A \$105,895 \$119,431 \$143,868 \$13,536 \$24,437 Product/Service B \$252,663 \$326,003 \$405,188 \$73,340 \$79,185 Product/Service C \$176,806 \$234,025 \$322,613 \$57,219 \$88,588	Ava Unit COCS				Difference	
Product/Service B \$3.10 \$3.05 \$3.01 (\$0.05) (\$0.04) Product/Service C \$1.55 \$1.51 \$1.36 (\$0.04) (\$0.15) Avg Margin Per Unit Product/Service A \$15.62 \$15.91 \$16.24 \$0.29 \$0.33 Product/Service B \$11.89 \$11.94 \$11.98 \$0.05 \$0.04 Product/Service C \$48.44 \$53.48 \$58.63 \$5.04 \$5.15 Total Gross Profit Product/Service A \$105,895 \$119,431 \$143,868 \$13,536 \$24,437 Product/Service B \$252,663 \$326,003 \$405,188 \$73,340 \$79,185 Product/Service C \$176,806 \$234,025 \$322,613 \$57,219 \$88,588	-	\$4.38	\$4.08	¢3.75		(\$0.33)
Avg Margin Per Unit Difference Product/Service A \$15.62 \$15.91 \$16.24 \$0.29 \$0.33 Product/Service B \$11.89 \$11.94 \$11.98 \$0.05 \$0.04 Product/Service C \$48.44 \$53.48 \$58.63 \$5.04 \$5.15 Total Gross Profit Product/Service A \$105,895 \$119,431 \$143,868 \$13,536 \$24,437 Product/Service B \$252,663 \$326,003 \$405,188 \$73,340 \$79,185 Product/Service C \$176,806 \$234,025 \$322,613 \$57,219 \$88,588		,			V /	, ,
Avg Margin Per Unit Product/Service A \$15.62 \$15.91 \$16.24 \$0.29 \$0.33 Product/Service B \$11.89 \$11.94 \$11.98 \$0.05 \$0.04 Product/Service C \$48.44 \$53.48 \$58.63 \$5.04 \$5.15 Total Gross Profit Product/Service A \$105,895 \$119,431 \$143,868 \$13,536 \$24,437 Product/Service B \$252,663 \$326,003 \$405,188 \$73,340 \$79,185 Product/Service C \$176,806 \$234,025 \$322,613 \$57,219 \$88,588			· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·
Product/Service A \$15.62 \$15.91 \$16.24 \$0.29 \$0.33 Product/Service B \$11.89 \$11.94 \$11.98 \$0.05 \$0.04 Product/Service C \$48.44 \$53.48 \$58.63 \$5.04 \$5.15 Total Gross Profit Product/Service A \$105,895 \$119,431 \$143,868 \$13,536 \$24,437 Product/Service B \$252,663 \$326,003 \$405,188 \$73,340 \$79,185 Product/Service C \$176,806 \$234,025 \$322,613 \$57,219 \$88,588	Floddci/Selvice C	φ1.55	φ1.51	φ1.30	(\$0.04)	(\$0.13)
Product/Service A \$15.62 \$15.91 \$16.24 \$0.29 \$0.33 Product/Service B \$11.89 \$11.94 \$11.98 \$0.05 \$0.04 Product/Service C \$48.44 \$53.48 \$58.63 \$5.04 \$5.15 Total Gross Profit Product/Service A \$105,895 \$119,431 \$143,868 \$13,536 \$24,437 Product/Service B \$252,663 \$326,003 \$405,188 \$73,340 \$79,185 Product/Service C \$176,806 \$234,025 \$322,613 \$57,219 \$88,588	Avg Margin Per Unit				Difference	
Product/Service C \$48.44 \$53.48 \$58.63 \$5.04 \$5.15 Total Gross Profit Product/Service A \$105,895 \$119,431 \$143,868 \$13,536 \$24,437 Product/Service B \$252,663 \$326,003 \$405,188 \$73,340 \$79,185 Product/Service C \$176,806 \$234,025 \$322,613 \$57,219 \$88,588		\$15.62	\$15.91	\$16.24	\$0.29	\$0.33
Total Gross Profit Difference Product/Service A \$105,895 \$119,431 \$143,868 \$13,536 \$24,437 Product/Service B \$252,663 \$326,003 \$405,188 \$73,340 \$79,185 Product/Service C \$176,806 \$234,025 \$322,613 \$57,219 \$88,588	Product/Service B	\$11.89	\$11.94	\$11.98	\$0.05	\$0.04
Product/Service A \$105,895 \$119,431 \$143,868 \$13,536 \$24,437 Product/Service B \$252,663 \$326,003 \$405,188 \$73,340 \$79,185 Product/Service C \$176,806 \$234,025 \$322,613 \$57,219 \$88,588	Product/Service C	\$48.44	\$53.48	\$58.63	\$5.04	\$5.15
Product/Service A \$105,895 \$119,431 \$143,868 \$13,536 \$24,437 Product/Service B \$252,663 \$326,003 \$405,188 \$73,340 \$79,185 Product/Service C \$176,806 \$234,025 \$322,613 \$57,219 \$88,588						
Product/Service B \$252,663 \$326,003 \$405,188 \$73,340 \$79,185 Product/Service C \$176,806 \$234,025 \$322,613 \$57,219 \$88,588	Total Gross Profit				Difference	
Product/Service C \$176,806 \$234,025 \$322,613 \$57,219 \$88,588	Product/Service A	\$105,895	\$119,431	\$143,868	\$13,536	\$24,437
	Product/Service B	\$252,663	\$326,003	\$405,188	\$73,340	\$79,185
Total Gross Profit \$535,364 \$679,459 \$871,669 \$144,095 \$192,210	Product/Service C	\$176,806	\$234,025	\$322,613	\$57,219	\$88,588
	Total Gross Profit	\$535,364	\$679,459	\$871,669	\$144,095	\$192,210

6.4 Profit and Loss Projection

[See the profit and loss worksheet in the companion Excel workbook]

he profit and loss worksheet in the INCOME	2012	% of OI	2013	% of OI	2014	% of OI
Operating Income						
Category 1		_		_		_
Category 2		_		-		_
Category 3		_		-		_
Category 4		_		-		_
Total Operating Income (OI)	\$0	-	\$0	-	\$0	-
Non-Operating Income						
Interest Income						
Rental Income						
Gifts Received						
Donations						
Total Non-Operating Income	\$0		\$0		\$0	
Total INCOME	\$0	-	\$0	-	\$0	-
EXPENSES						
Operating Expenses						
Accounting and Legal		-		-		_
Advertising		-		-		-
Depreciation		-		-		_
Dues and Subscriptions		-		-		_
Insurance		-		-		_
Interest Expense		-		-		-
Maintenance and Repairs		-		-		_
Office Supplies		-		-		_
Payroll Expenses		-		-		-
Postage		-		-		-
Rent		-		-		-
Research and Development		-		-		-
Salaries and Wages		-		-		-
Taxes and Licenses		-		-		-
Telephone		-		-		_
Travel		-		-		_
Utilities		-		-		-
Web Hosting and Domains		-		-		-
Total Operating Expenses	\$0	-	\$0	-	\$0	-
Non-Recurring Expenses						
Furniture, Equipment & Software		-		-		-
Gifts Given						
Total Non-Recurring Expenses	\$0	-	\$0	-	\$0	-
Total EXPENSES	\$0	-	\$0	-	\$0	-
Net Income Before Taxes	\$0		\$0		\$0	
Income Tax Expense						
NET INCOME	\$0		\$0		\$0	
Owner Distributions / Dividends						
Adjustment to Retained Earnings	\$0		\$0		\$0	

6.5 Balance Sheet
[See the balance sheet worksheet in the companion Excel workbook]

ance sheet worksheet in the companion Excel workbook]		
Assets	2017	2016
Current Assets		
Cash	\$11,874	
Accounts receivable		
Inventory		
Prepaid expenses		
Short-term investments		
Total current assets	\$11,874	\$0
Fixed (Long-Term) Assets		
Long-term investments	\$1,208	
Property, plant, and equipment	\$15,340	
(Less accumulated depreciation)	-\$2,200	
Intangible assets		
Total fixed assets	\$14,348	\$0
Other Assets	. ,	·
Deferred income tax		
Other		
Total Other Assets	\$0	\$0
Total Assets	\$26,222	\$0
	,	•
Liabilities and Owner's Equity		
Current Liabilities		
Accounts payable	\$8,060	
Short-term loans		
Income taxes payable	\$3,145	
Accrued salaries and wages		
Unearned revenue		
Current portion of long-term debt		
Total current liabilities	\$11,205	\$0
Long-Term Liabilities		
Long-term debt	\$3,450	
Deferred income tax		
Total long-term liabilities	\$3,450	\$0
Owner's Equity		
Owner's investment	\$7,178	
Retained earnings	\$4,389	
Total owner's equity	\$11,567	\$0
Total Liabilities and Owner's Equity	\$26,222	\$0
Common Financial Ratios		
Debt Ratio (Total Liabilities / Total Assets)	0.56	
Current Ratio (Current Assets / Current Liabilities)	1.06	
Working Capital (Current Assets - Current Liabilities)	669	-
Assets-to-Equity Ratio (Total Assets / Owner's Equity)	2.27	
Debt-to-Equity Ratio (Total Liabilities / Owner's Equity)	1.27	

6.6 3-Year Cash Flow

[See the cash flow worksheet in the companion Excel workbook]

CASH BALANCE	2015	2016	2017
Date Ending	9/3/2015	9/3/2016	9/3/2017
Cash at Beginning of Period	\$5,000	\$5,000	\$5,000
Cash at End of Period	\$5,000	\$5,000	\$5,000
CASH INFLOWS	2015	2016	2017
Cash from Operations			
Receipts from Customers			
Gross Rents			
Total Cash from Operations	\$0	\$0	\$0
Cash from Financing			
Issuance of Stock			
Borrowing			
Total Cash from Financing	\$0	\$0	\$0
Cash from Investing			
Sale of Property and Equipment			
Collection of Principal on Loans			
Sale of Investment Securities			
Total Cash from Investing	\$0	\$0	\$0
Total Cash Inflows	\$0	\$0	\$0
CASH OUTFLOWS	2015	2016	2017
Operations	2015	2016	2017
Operations Wages	2015	2016	2017
Operations Wages Inventory Purchases	2015	2016	2017
Operations Wages Inventory Purchases General Operating Expenses	2015	2016	2017
Operations Wages Inventory Purchases General Operating Expenses Interest	2015	2016	2017
Operations Wages Inventory Purchases General Operating Expenses Interest Income Taxes			
Operations Wages Inventory Purchases General Operating Expenses Interest Income Taxes Totoal Outflows from Operations	\$0	\$0	\$0
Operations Wages Inventory Purchases General Operating Expenses Interest Income Taxes Totoal Outflows from Operations Financing			
Operations Wages Inventory Purchases General Operating Expenses Interest Income Taxes Totoal Outflows from Operations Financing Repayment of Loans			
Operations Wages Inventory Purchases General Operating Expenses Interest Income Taxes Totoal Outflows from Operations Financing Repayment of Loans Repurchase of Stocks			
Operations Wages Inventory Purchases General Operating Expenses Interest Income Taxes Total Outflows from Operations Financing Repayment of Loans Repurchase of Stocks Dividends Paid	\$0	\$0	
Operations Wages Inventory Purchases General Operating Expenses Interest Income Taxes Totoal Outflows from Operations Financing Repayment of Loans Repurchase of Stocks			
Operations Wages Inventory Purchases General Operating Expenses Interest Income Taxes Total Outflows from Operations Financing Repayment of Loans Repurchase of Stocks Dividends Paid Total Outflows from Financing Investing	\$0	\$0	\$0
Operations Wages Inventory Purchases General Operating Expenses Interest Income Taxes Totoal Outflows from Operations Financing Repayment of Loans Repurchase of Stocks Dividends Paid Total Outflows from Financing	\$0	\$0	\$0
Operations Wages Inventory Purchases General Operating Expenses Interest Income Taxes Totoal Outflows from Operations Financing Repayment of Loans Repurchase of Stocks Dividends Paid Total Outflows from Financing Investing Purchase of Property and Equipment Making Loans to Other Entities	\$0	\$0	\$0
Operations Wages Inventory Purchases General Operating Expenses Interest Income Taxes Totoal Outflows from Operations Financing Repayment of Loans Repurchase of Stocks Dividends Paid Total Outflows from Financing Investing Purchase of Property and Equipment	\$0	\$0	\$0
Operations Wages Inventory Purchases General Operating Expenses Interest Income Taxes Totoal Outflows from Operations Financing Repayment of Loans Repurchase of Stocks Dividends Paid Total Outflows from Financing Investing Purchase of Property and Equipment Making Loans to Other Entities	\$0	\$0	\$0
Operations Wages Inventory Purchases General Operating Expenses Interest Income Taxes Total Outflows from Operations Financing Repayment of Loans Repurchase of Stocks Dividends Paid Total Outflows from Financing Investing Purchase of Property and Equipment Making Loans to Other Entities Purchase of Investment Securities	\$0	\$0 \$0	\$0
Wages Inventory Purchases General Operating Expenses Interest Income Taxes Total Outflows from Operations Financing Repayment of Loans Repurchase of Stocks Dividends Paid Total Outflows from Financing Investing Purchase of Property and Equipment Making Loans to Other Entities Purchase of Investment Securities Total Outflows from Investing	\$0	\$0 \$0	\$0 \$0

6.7 Business Budget

[See the business budget worksheet in the companion Excel workbook]

INCOME	Actual	Budget	Difference
Operating Income			
Category 1			\$0
Category 2			\$0
Category 3			\$0
Category 4			\$0
Total Operating Income	\$0	\$0	\$0
Non-Operating Income	•	·	•
Interest Income			\$0
Rental Income			\$0
Gifts Received			\$0
Donations			\$0
Total Non-Operating Income	\$0	\$0	\$0
Total INCOME	\$0	\$0	\$0
EXPENSES			
Operating Expenses			
Accounting and Legal			\$0
Advertising			\$0
Depreciation			\$0
Dues and Subscriptions			\$0
Insurance			\$0
Interest Expense			\$0
Maintenance and Repairs			\$0
Office Supplies			\$0
Payroll Expenses			\$0
Postage			\$0
Rent			\$0
Research and Development			\$0
Salaries and Wages			\$0
Taxes and Licenses			\$0
Telephone			\$0
Travel			\$0
Utilities			\$0
Web Hosting and Domains			\$0
Total Operating Expenses	\$0	\$0	\$0
Non-Recurring Expenses			-
Furniture, Equipment and Software			\$0
Gifts Given			\$0
Total Non-Recurring Expenses	\$0	\$0	\$0
Total EXPENSES	\$0	\$0	\$0
Net Income Before Taxes	\$0	\$0	\$0
Income Tax Expense			\$0
NET INCOME	\$0	\$0	\$0

6.8 Break-Even Analysis

[See the break-even analysis worksheet in the companion Excel workbook]

Selling Price (per unit)	\$12.00
FIXED COSTS	
Advertising	\$1,000.00
Accounting	
Insurance	
Manufacturing	
Payroll	
Rent	
Supplies	
Taxes	
Utilities	
Other (specify)	
Total Fixed Costs	\$1,000.00
VARIABLE COSTS	Per Unit

VARIABLE COSTS	Per Unit
Variable Costs based on dollar amount per unit	
Cost of Goods Sold	\$1.00
Direct Labor	
Overhead	
Other (specify)	
Total	\$1.00
Variable Costs based on percentage per unit	
Commissions	7.50%
Other (specify)	
Total	7.50%
Total Variable Cost per Unit	\$1.90
Contribution Margin per Unit	\$10.10
Contribution Margin Ratio	84.17%
Break-Even Point	

Break-Even Point	
Break-Even Units	100 units
Break-Even Sales	\$1,188.12

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