# Administrative Strategies for Small Woodwork Business: Puertas y Diseños 

Abstract-


 the period August 2014-2015, the business will gain an equivalent of $9.7 \%$ of yearly profits, which is equivalent to $\$ 3,724$.

## - Introduction-

To build a successful business it is essential to understand the basics of business administration. Before starting a company as a sole proprietor, it is important to define the structure that better suits due to many factors, but main reason is because of the lack of due to many factors, but main reason is because of the lack of
business knowledge. This project focuses in the small woodwork business knowledge. This project focuses in the small woodwork
business known as Puertas y Diseños. Currently, the business has business known as Puertas y Diseños. Currently, the business has
many upscale customers and large demands in high season, but in many upscale customers and large demands in high season, but in
some periods suffers deficits. To understand where small businesses lacks, this project will evaluate Puertas y Diseños and provide the necessary strategies to maintain a woodwork business. This can also help improve profitability in many other businesses with similar situations. Figure 1 shows two modern products done by Puertas y Diseños. The kitchen in the left was created by PVC plastic materials and coated with car paint. The living room shown on the right, shows an abstract television furniture made from wood and also coated with car paint.


Figure 1: Elaboration of Puertas y Diseños.
Puertas y Diseños-

## Puertas y Diseños is a small woodwork business owned

 by a 30 years of experienced carpenter, Luis Gómez. The business started in 2010 and is currently giving services around the island ofPuerto Rico. Puertas y Diseños designs, constructs, and installs any Puerto Rico. Puertas y Dis expense of the customer's desires and budget.

The business is currently operating with two employees. Both work in manufacturing of the products while the owner administers and manufactures. Recently, the small woodwork business of Puertas y Diseños has been struggling financially due to the limited knowledge in business management. In some low productivity periods, the owner has been unable to meet monthly expenses. in order to improve the business status, it is proposed to increase $10 \%$ of profits by the year 2015

## How to achieve the projects objectives

- Establish a budget in the small business
- Create a more sustainable business by adjusting utility costs, materials, products, and construction and installation process. - Organizational overview of the project.

| Product |
| :---: | :---: | :---: |
| Design and |
| Invoice |
| Order | | Operations |
| :--- | :--- |
| - Sanding |
| - Construction |
| - Finishes |$\quad$| Transportation |
| :---: | :---: |
| $\&$ |
| Installation |

- Methodology-


Project Limitations
During the course of this study it was found that the financial information of Puertas Diseños was limited. It was imperative to acquire more than two years of information to help determine the projection for 2015. It would have also helped to calculate the break-even analysis to understand if the production demand is gaining business profits.

## Analysis-

With little business knowledge, the organization can be detrimental. The current business structure of Puertas y Diseños is affecting the generation of profits. In the administration department there is no standardized record keeping for all the income and expenses of the business

Figure 3 is the cost and income profile gathered at Puertas y Diseños, it was found that in September 2013, March, April, and May of 2014 were the periods of deficits. This deficit can be caused by two common factors that are: the continuance of a large order or low production.
The monthly income represents all sales made in that period of time. The fixed costs are costs that do not hange in total as activity changes; those cost are labor and overheads. Variable costs represents all the direct materials

Figure 4 represents the total costs, income, and profit for the year August 2013-14. The total owner's salary was found to be $\$ 37,320$. The owner receives the whole profit as his salary and this owner's salary was found to be $\$ 37,320$. The own
results in no emergency funding for the company.


## Possible Alternatives

## Some of the possible alternatives that will help improve

 Alternative \#1: It is recommended to restructure the business into a more effective structure. The owner would be in charge of the administration and supervision of operations. This can reduce work for the owner and give more responsibilities to the employees.

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& \text { for the owner and give more responsibilities to the employees. } \\
& \text { Alternative \#2: Reduce employee salary to the basic minimum r }
\end{aligned}
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Alternative \#2: Reduce employee salary to the basic minimum rate
of $\$ 7.25$ per hour to each employee instead of a fixed salary of of $\$ 7.25$ per hour to each employee instead of a fixed salary of
$\$ 1,400$ monthly. The labor expenses would reduce $\$ 1,160$ per month for each employee and would increase annual profit for up to $\$ 8,560$. The main disadvantage of this decision is that it can affect employee's performance and consequently the finished product. Alternative \#3: The owner of Puertas y Diseños currently receives all the business profits as his salary. With the business with zero capital, it can suffer significantly in the periods of deficits. According to the owner, he needs to receive a minimum of $\$ 3,000$ monthly for his personal expenses. If the owner establishes his own fixed salary his personal expenses. If the owner establishes his own
of $\$ 3,000$ per month, the profit would increase for $\$ 1,324$. Alternative \#4: In the workshop there is a minimum estimate of $\$ 200$ of raw material that is disposed off the month of September 2014. According to the owner it is very common to loose such materials because of the customers; alterations to the order. It is proposed to recycle such raw materials for many purposes including implents this alternative, it can decrease an estimate of $2 \%$ in implements this alte
costs of raw material

## - Conclusion-

## Like many small businesses in Puerto Rico, Puertas y

 This can be due to lack of the business administration knowledge. This business and business with similar situations.
To increase the company's pr
determining a fixed salary system for the profits it is recommend also recommended the establishment the owner and employees. It is low business seasons. Incorporating of emergency fund system for ow business seasons. Incorporating a sustainable business by establishing efficient construction and installation processes will also help the business grow. Finally, it will also help improve profits from the use of recycled materials as raw materials and formwork. Using hese alternatives profitability will gain $9.7 \%$ a year with an emergency fund of $\$ 3,724$

In the course of this project, the analysis was limited due to the low availability of financial information. To attain more realistic results, more information should be inquired.
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- Bibliography-


