



WEB PROGRAMMING

FINAL PROJECT



Submitted to the Undergraduate
Programs
Mapua Malayan Colleges Mindanao

In Partial Fulfilment
of the Requirements for the degree
Bachelor of Science in Computer
Science

(January -2023)

A Web Programming Project by

Jeshcee Jay R. Tabun
Highest degree obtained

Debbie Laurente Getigan
Highest degree obtained

Primes Bryan Villa
Highest degree obtained

APPROVAL SHEET

APPROVAL SHEET

This web programming project entitled **<Title>**, prepared and submitted by **<Names>**, in partial fulfillment of the requirements for the degree **Bachelor of Science in Computer Science** is hereby accepted.

	<NAME OF CHAIR>	
	Chair, Defense Panel	
<NAME OF PANEL MEMBER 2>	<NAME OF PANEL MEMBER 3>	
Panel Member	Panel Member	

Accepted and approved for the conferral of the degree **Bachelor of Science in Computer Science**.

JEANIE R. DELOS ARCOS, DIT
Advisor, IT103P

ACKNOWLEDGEMENTS

The road to this point in your studies couldn't have been travelled alone. Along the way, someone somewhere helped you. This is your chance to thank them.

By the way, exercise the liberty to be personal to reflect the sincerity of your gratitude...

TABLE OF CONTENTS

APPROVAL SHEET	1
ACKNOWLEDGMENTS	3
TABLE OF CONTENTS.....	3
LIST OF TABLES	6
LIST OF FIGURES.....	4
INTRODUCTION.....	8
1 THE PROJECTION DESCRIPTION.....	8
1.1 Problem Encountered.....	8
1.2 Objective of the Project	1
1.3 Limitation of the Project	1
2 PROJECT MODULES.....	2
2.1 Administrator.....	10
2.2 Users	2
2.3 Feature 1	11
3 THE INPUT OUTPUT OF THE PROJECT	3
3.1 The Input of the Project.....	3
3.2 The Output of the Project	3

TABLE OF CONTENTS

3.3	Competitive Advantage	3
3.4	Development.....	3
3.5	Specifications.....	13
3.6	Validation	3
4	ANALYSIS	4
4.1	Process Logic.....	14
4.2	Data Flow Diagram.....	15
5	Conclusion	5
5.1	Conclusion.....	17
5.2	Recommendations	17
	REFERENCES	6
	APPENDICES	7
1.	<Appendix A:><Title>	19

TABLE OF CONTENTS

LIST OF TABLES

Insert the List of Tables using: “References” > “Insert Table of Figures” > Table

After inserting the list of tables, format as shown below:

Table 2-1. Breakdown of target market.....3

NOTE FOR PLACING/LABELING TABLES IN THE BODY OF THE MANUSCRIPT:

For tables, use the following format:

Table 2-1. From "References" > Insert Caption > Table

Indent the Table label to start of table	Only the table number is capitalized., the label is not.
The List of Tables should be automatically generated	The Chapter number is included in the table number

TABLE OF CONTENTS

LIST OF FIGURES

Insert the List of Tables using the “References” tab > “Insert Table of Figures” > Figures

After inserting the list of figures, format as shown below:

Figure 2-1. Market size.....3

NOTE FOR PLACING/LABELING FIGURES IN THE BODY OF THE MANUSCRIPT:

Figure should be centered. The List of Figures must be automatically generated.

Figure 2-1. From "References" > Insert caption > Figure

INTRODUCTION

The Jeshcee Pharmacy Payroll system was designed to help the small pharmacy family business in aiding calculation and salary distributions amongst its workers. This part of the documentation will provide details about the process on how the Application was formulated, organized, and developed.



1. THE PROJECT DESCRIPTION

1.12 Problem Encountered

The small family business, Jeshcee Pharmacy, has a very humble reputation in the small town of Panabo. Selling products in reasonable or affordable prices for citizens living in the small town. But, one problem we noticed is that the business lags behind in the use of technology. Especially in distributing the fair wages amongst its loyal and happy workers.

1.13 Objective of the Project

Insert text here. How do you address the problem, what solutions you created to solve the problem encountered.

1.14 Limitation of the Project

Limitations were encountered during project development; one is Time constraint. The group is only given a limited amount of time, while juggling with tasks in daily lives. The other is that Program/Website is only limited in performing simple calculation task.

2. PROJECT MODULES

2.1 Administrator

The Owners of Jeshcee Pharmacy: Mr.
Jesel L. Tabuno and Mrs. Sheala R.



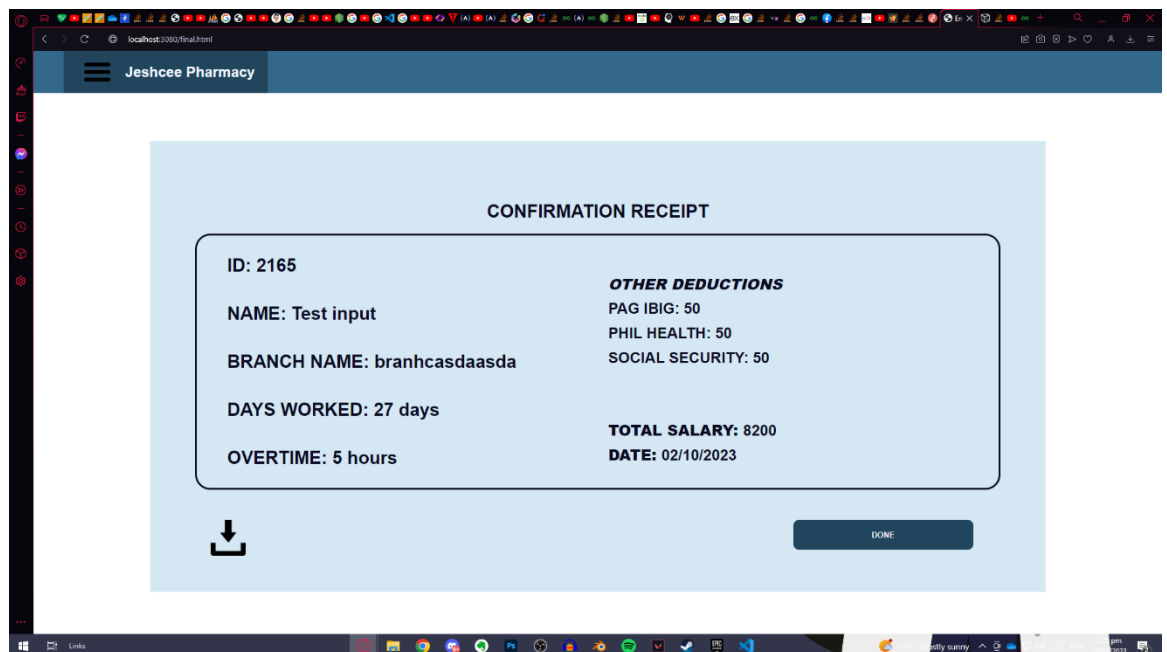
2.2 Users

Employees of Jeshcee Pharmacy.

2. PROJECT MODULES

2.2 Feature 1

The website can display the employee's information while calculating the total salary with the added deductions. After the user has interacted with the website the site has a database that keeps track of recorded input.



3. THE INPUT OUTPUT OF THE PROJECT

3.2 The Input of the Project

Employees will input their information, the amount of days they have worked, over time, and other deduction placed into the website.

3.3 The Output of the Project

The output the project will display the total amount of the salary of an employee that is working in the Jeshcee Pharmacy business. This will include the optional deduction they would have inputted.

3.4 Competitive Advantage

This website, although not perfect and still in its early form, is specifically designed to help the Jeshcee Pharmacy business to get itself to be modernize in the small town of Panabo. Thus, will be the first payroll system exclusively

edge
onal

3. THE INPUT OUTPUT OF THE PROJECT

3.5 Specifications

Specifications for this project includes:

Visual Studio Code that will allow to run the program.

Web Browser to display the output project.

2.3 Validation

The website will only accept Employee Information and

Number of Days worked in order for the program to display the output.

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5500/portal.html'. The browser's tab bar shows several open tabs, including 'Jeshcee Pharmacy'. The main content area of the browser displays a web page titled 'EMPLOYEE PORTAL'. The page has a light blue background and contains a form with the following fields:

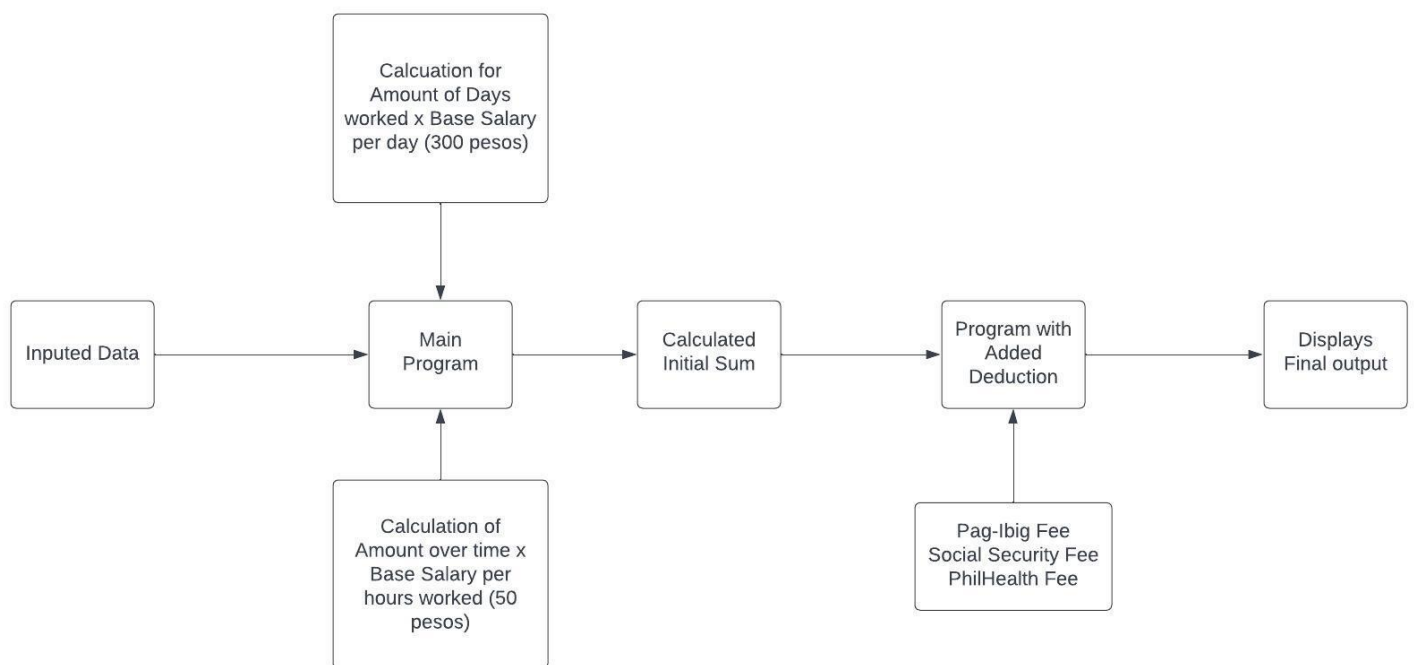
- ID:
- NAME:
- BRANCH NAME:
- DAY WORKED:
- OVERTIME:

Below the form is a dark blue button labeled 'NEXT'.

4. ANALYSIS

4. 1 Process Logic

A block Diagram Flow

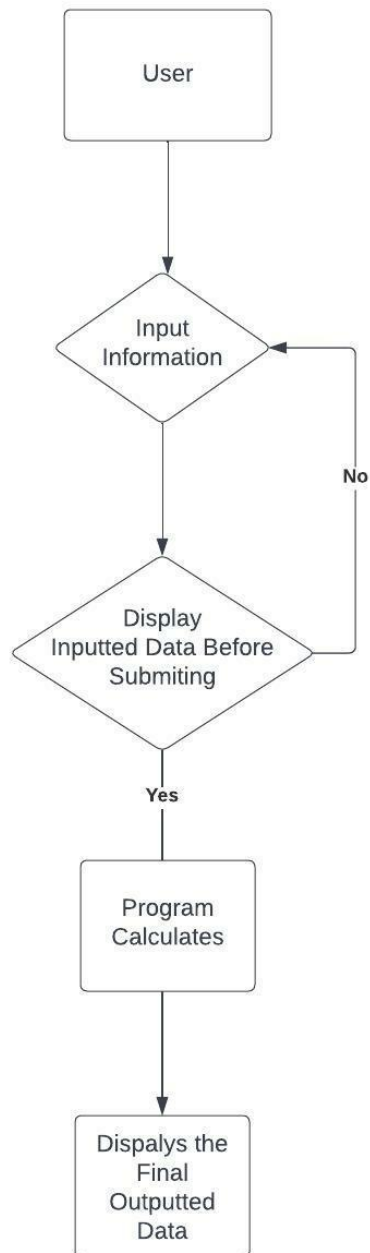


4. ANALYSIS

FIGURE 1:

2.3 Data Flow Diagram

Flow charts displayed, representing the Data flow system of the website.



4. ANALYSIS

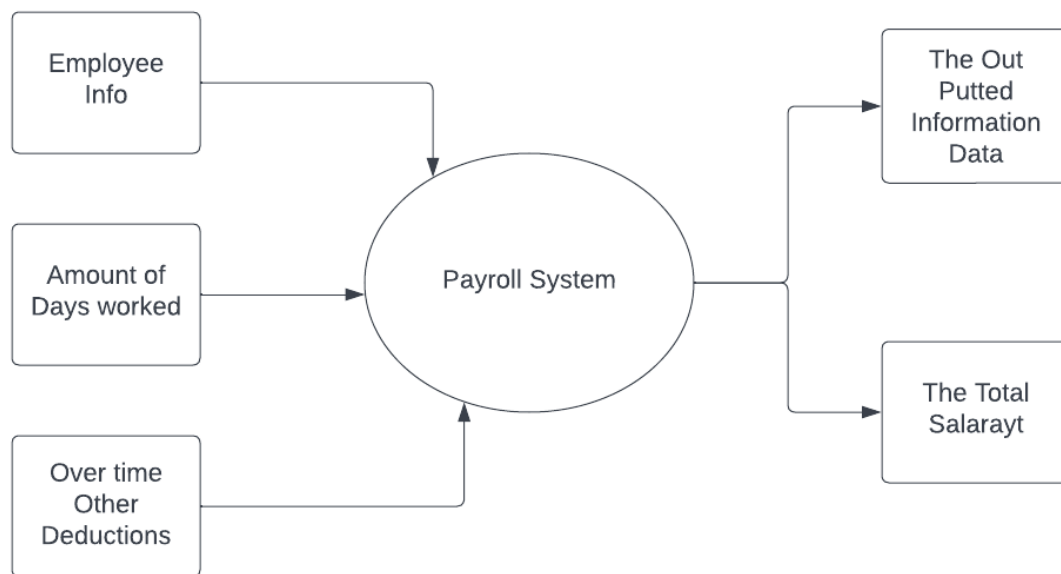


Figure 2: Shows the data flow between both Inputs and Outputs.

5. CONCLUSION

6.1 Conclusion

Although it we only had a limited amount of time in developing this website, the group has done its best in making the website as presentable and functional in the set amount of time. This project is dedicated in aiding the Jeshcee Pharmacy brand and it will be the first step in digitalizing it work system

a. Recommendations

This project is still at its early stage and the group would like to take in recommendations from experienced app developers and programmers for any helpful wisdom to improve both this project and for any future projects.

REFERENCES

Use APA formatting for all references (in the body and in the listing here).

Struk, V. (2021, August 27). Custom Automated Payroll System Development: A Complete Guide + Case Study. Relevant Software. <https://relevant.software/blog/how-to-build-payroll-software-complete-guide/>

Lohrey, J. (2017, November 21). Payroll System Development. Small Business - Chron.com. <https://smallbusiness.chron.com/payroll-system-development-78966.html>

O'Shields, J. (2023, January 10). How to Develop Payroll Software to Help Companies Run Global Workforce. JatApp. <https://jatapp.co/blog/how-to-develop-payroll-software/>

APPENDICES

1. <Appendix A:><Title>

Place your appendices here. Please be sure that these have been referenced in the body of document.