CHAPTER V

SUMMARY, CONCLUSION AND RECOMMENDATIONS

Summary

The Web-Based Enterprise Resource Planning System is developed to cater to the sales and inventory of DC Fuel. The researchers found that the employees and administration of DC Fuel had difficulties in processing sales and data management. The employees would send daily reports from emails and sometimes on messenger which makes document tracking a lot of time.

Making sales report are done manually making it inconsistent and prone to human error. The attendance of the employees are also inconsistent due to the lack of proper monitoring and an organized system of time-in and time-out. The researchers formulated solutions for the problem that would solve the issues found and became the concept of the system that was developed.

The Scrum methodology was used in the conduct of the study. This methodology allowed the researchers to identify and prioritize the tasks that were needed to be accomplished for a specific period of time. In the end of the research study, a working platform of the system was developed.

The researchers created a system that allows the employees of DC Fuel to generate more accurate reports and have a proper attendance and payroll system. The administration can also backtrack the reports in the system and monitor the performance and inventory of every DC Fuel branch. They can also monitor the information of the employees, their attendance, and payroll.

Conclusion

The system accomplished all the following objectives of the study as the researchers addressed the problem of the current state of the system:

1. A system that would serve as a general platform for tracking sales and sending reports.

2. A module that can forecast sales based on fuel dipping measures as well as determine discrepancies.

3. A sales module that can show daily sales of each branch minimizing sales losses and encouraging making smart gains.

4. An attendance module includes tracking employees' working hours and wages.

5. A dashboard that can show the performance of each DC Fuel branch.

6. A report module to store daily dipping measure reports and inventory that will generate a consolidated daily report from each DC Fuel branch to the Main branch.

Recommendations

In developing the System r, there are recommendations that can be used in the future as consideration for escalating the system:

1. This study suggests a gasoline management system that can receive data from the fuel dispenser.

2. This document outlines the most often used tank gauging and level measurement systems adopted in the industry of gasoline storage.

3. Develop a mobile application that will provide real-time updates from the system. The mobile application will make it easier to connect all the officers in Central Philippine University.

4. A cloud inventory module that will automatically back up all the data.

5. A biometric scanner for DC Fuel employees' attendance that will provide more security.