Book-Keeping Web Application

Romesh Etulgama (2016521460535)

Under supervision of Mr. Li Chuan

Sichuan University

Software Engineering

Software Collage

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Abstract

This report describes the project development of the Bookkeeping web application that was developed to manage the daily transactions and manage the clients, inventories, sales, accounts more efficiently. This application is mainly used by the manager and the CEO of the company. Manager is able to manage the suppliers, inventories, production, sales and financial transactions in the company as well as the factory itself. Besides that, the application allows the user to generate various kinds of reports such as client information, historical reports plus reliable forecasts to help the entrepreneurs make better decisions.

The methodology I used to develop this system is waterfall model. Thus, the report's chapters include system planning, requirement analysis, system design, programming, system testing, and evolution of the project. For the system planning, the outcomes are the project objectives and project aim as well as to define the project scope. Requirement analysis is a stage to gather the user requirements such as functional requirements and non-functional requirements. Next the system design is mainly used to design the user interface and the database design. The next stage after system design is programming stage. This is the stage for coding. After completion of the coding part, I proceeded to the system testing to minimize the bugs in the systems.

Compared to the existing manual methods used by the target company, this system has many strengths and fairly small amount of weaknesses such as requirement of general computer literacy. In the future, we can enhance the system with smart technologies to make it better.

Keywords: Bookkeeping, Accounting, Management, Small Businesses,

Acknowledgements

After completing my capstone project, I would like to take this chance to express my sincere gratitude to my project supervisor Mr. Li Chuan who has guided me a lot throughout the project development. hsdkfjsd;f asdlfaslkfjasl laskjhlkjasghasklglkasfhg;laskfhgkjlas lkuasglkjasjgkl alsjdklff ;asj;slfahg;aslkkdhgas;hvkasf ;vklav;lasfh j hfkjhsfllv asf

Table of Contents

Chapter 1

**System Planning**

1. System Planning

Book-Keeping Web Application

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| Column Head | Column Head | Column Head | Column Head | Column Head |
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