Universiti Teknologi MARA

Development of Inventory Management System for Layar Biru Trading (IMSLBT) using Rapid Application Development (RAD)

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ABSTRACT

Inventory Management System for Layar Biru Trading (IMSLBT) is developed for the management of Layar Biru Trading Seksyen 5, West Country, Bandar Baru Bangi, Selangor. Currently, the management of the company does not have a system that can help them in managing their data and all the data are being managed manually. A user friendly system is needed and can be functioned in managing the company data such as create, retrieve, update and delete the data. The objectives of this project are to identify the user requirements for IMSLBT, to design IMSLBT and to develop IMSLBT. This system will help user to manage the information systematically. This system able to generate the dashboard and report to improve the quality of the management in the company. Besides that, data matching will be used to search specific data stored in the database. In additional, the data can be stored safely and can be retrieved quickly from anywhere and at any time since this system can be accessed online. This system will help the management to process order more quickly and efficiently with supplier email notification. This project used Rapid Application Development (RAD) methodology to develop IMSLBT which is suitable for this project because RAD are focused on development process that involves in short number of time, have usability, features and high speed. For the future works, this project can be extended focusing by adding more interactive web design interfaces, applying the Short Message Services (SMS) notifications and customizable report to increase company efficiency and the performance.

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