

Universiti Teknologi MARA

**Asset Inventory Management System
(AIMS) Using Rapid Application
Development (RAD)**

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ABSTRACT

Asset Inventory Management System (AIMS) is developed for Human Resource (HR) Department of Institut Latihan Perindustrian (ILP) Bukit Katil Melaka. Currently, HR Department does not have a complete computer system that can help them in managing data. The system is required to be user friendly and can be functioned to view, record, deleting, update, insert and manipulate the data. Objectives of this project are to identify the user requirement for AIMS, to design the AIMS based on the user requirements and to develop the AIMS using Rapid Application Development (RAD). Besides that, the system will be able to predict future performance and provide analytical reports to improve the quality of management in the organization. In addition, all data can be stored safely and can be retrieved quickly. This system will help the head of department to do the approval process and view their previous record more quickly. RAD is not appropriate for all projects. The methodology works best for projects where the scope is small or work can be broken down into manageable chunks. Furthermore, in order to keep the project within a short time frame, decisions must be made quickly, so it is imperative that there be very few client decision makers, preferably only one, and they must be clearly identified up front. Identified problems were solved using AIMS system especially to manage the data of asset.

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