UUM Assets Tracking System
(UATS)

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ABSTRACT

Assets Tracking System include those applications that user encounter directly or indirectly in Assets Management. The problem is Tracking Assets will consume a lot of time, effort, and a huge number of staff, the probability of mistakes during data entry, and in generating report for the assets may also occur. This study proposes a requirement model of "UUM Assets Tracking System " as a solution for the problem faced by the Staff in UUM. The system for managing Assets in UUM Campus was tested with a prototype and found to be working.

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CHAPTER ONE

Introduction

The organization need to track, monitor and manage the assets and collect all information about them once or twice a year; they need management assets system and advance technology to do that. (Snyder, 2007)

Asset management has evolved from maintenance management to provide more complete approach to manage the life of physical assets. Asset management today has become the focal point to improve and optimize the contribution of physical assets to the overall success and prosperity of an organization. In order to achieve optimum return on investment from an asset and maximize their contribution to the revenue or success of an organization, the organization needs to improve knowledge in asset management. Many organizations have recognized that cost-cutting, re-organization; new technology, productivity, and quality improvements may not be enough. Inefficiency, conflicting objectives, lack of coordination and missed opportunities are still around. Total Asset Management process starts from acquiring and maintaining assets to using more strategic planning approach. This includes the development of yearly asset strategy, capital investment, and asset maintenance and asset disposal strategic plan.

Thus the stages of an asset's life-cycle, maturity levels have to be defined. An assessment or audit will have to be administrated to show identify the level of maturity of the organization's current practices and process. Management audit provide a framework for organizations to systematically review, analyze and recommend improvements in performance. Its purpose is also to ensure that management is implementing out its

The contents of the thesis is for internal user only

5.2 Study contribution

The (UATS) UUM Assets Tracking System prototype provides employs with the necessary information and helps them to reduce and manage the time. The prototype was developed using ASP.NET with VB.NET in coding the (UATS) UUM Assets Tracking System prototype for the employ system completely developed using .NET framework using ASP.NET 2.0. The study shows how the employ can mange assets via web and the results show how the employees were satisfied with this system. Microsoft SQL Server 2005 Database used to make the database that stores the necessary information for the employ. The prototype has been evaluated and the objectives have been achieved

5.3 Recommendation and future work

Due to the time frame that is not sufficiently enough to assure the entire functionalities of the system, future works can be carried out to fill in the deficits that came upon during the work of this project. It would be more suggestive to advice the one who needs to pursue some future works to follow every single step included in the project. (UATS) UUM Assets Tracking System prototype the following features that will benefit the users:

.

1- Adopt this system for tracking assets and equipments inside UUM.

2- Use mobile device for send data directly to the system database.

3- Provides direct, simple access to the focused valuable content via few keystrokes or text entry only.

4- Information regarding this system is trimmed page-to-page navigation down to a minimum and the logout used to leave the user page in anywhere in the system.

5- Reduces the amount of vertical scrolling by simplifying the text to display.

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