

Inventory management system for Abu Abeer al Gawabry Trading



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Objectives of the project

- The project is developed to implement an inventory management system for Abu Abeer al Gawabry trading
- The project will provide the organization with the modern inventory system that will benefit the Manager, employees to analyze the sales, purchases, salary and have a better view of the items in the store.

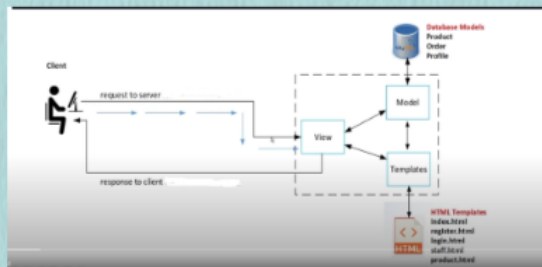
Rationale of project

- To keep track of inventories in a methodical manner.
- To reduce loss due to degradation, theft, wastages, and damages.
- To eliminate stock ordering duplication.
- To avoid inventory overstocking and understocking.

Project methodology

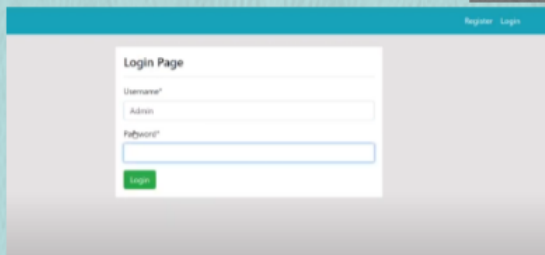
- Dynamic Systems Development Model (DSDM) has been selected for the project
- DSDM focuses more on the aspect of the projects including the satisfaction of the stakeholders and the customer
- DSDM has a long history of delivering successful Agile projects in a variety of organizational situations, and has proven to be entirely scalable, functioning efficiently in small, simple organizations, big, complicated organizations, and highly regulated environments

System architecture and design

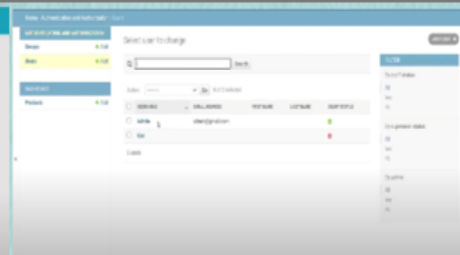


Project Limitations

- System crash: The possibility of a system crash is one of the most serious issues with any computerized system. Data loss can occur due to a corrupt hard disk, power failures, or other technological difficulties.
- Physical auditing: Since the system is entirely automated, at first glance physically auditing the system may not seem appealing but it is required and consumes a lot of time.
- Technical issues: Since the entire system is computerized, technical issues may arise since the system has multiple sources and lines of code



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Dashboard

References

- Sheakh, T. (2018) "A Study Of Inventory Management System Case Study". Journal Of Dynamical And Control Systems 10 (10), 1176
 Jonsson, P. and Mattsson, S. (2008) "Inventory Management Practices And Their Implications On Perceived Planning Performance". International Journal Of Production Research 46 (7), 1787-1812