

CS551 ADVANCED SOFTWARE ENGINEERING
PROJECT PROPOSAL
INVENTORY MANAGEMENT

MOTIVATION:

The motivation of our project is to provide product information, availability and delivery of requested products to users. Administrator is the one who takes care of the total system by entering his/her login details. Users can request for new products anytime. Initially, we thought to develop an application for Machinery Inventory Management. But then, the thought struck us to start a conversation of making this application very useful to UMKC faculty members. Hence, we have come up with the advantageous application.

SIGNIFICANCE:

The pros of the project are maintaining and providing ample excellent services to users. There is no need to maintain records manually. Just a click can make a lot of difference to both Admin and Users by using this web application. Users can order new products whenever required though online by logging in into his account. As stated earlier, administrator controls the whole system. So, he can add up as many users as he supposes to, whenever possible. As this application is solely for UMKC faculty members, to the total number of users that administrator adds up must be equal to the total number of faculty members at UMKC.

OBJECTIVES:

Main objective for implementing inventory management system project is to design a efficient and automated application for UMKC with the certain search functionality being used in the organization for product search by the faculty. This will help in managing and maintaining the specific task like searching for the certain product online which would be very easy to fetch the objects whatever they require.

SYSTEM FEATURES:

This project provides services like searching for products (based on name or kind or vendor). After having look at them the faculty can request an order to admin for the product. The admin look forward into that and deliver the required products ordered by the faculty. If the specified product is not available in the inventory, then the admin orders for that particular product to the merchant. Merchant will then be able to provide the ordered products to the admin. At this point of time the faculty and Admin can review the status of the product order.

SPECIFICATIONS:

- Faculty searches the inventory for the required product.
- Requests to the Admin for that specific product based on the search. Then Admin will process the request and delivers the product to the faculty if product is present in the inventory.
- If that specific object is not present, then Admin orders for that specified product to the merchant.

- Merchant views the order and access the process for the delivery on time. At this point faculty and admin have the chance of viewing the status of product order (tracking like number of days to get).

BIBLIOGRAPHY:

<http://1000projects.org/inventory-management-system-java-project.html>

<http://social.msdn.microsoft.com/Forums/en-US/8b919433-cb49-4a90-a90a-29c873412ce4/inventory-management-system?forum=csharpgeneral>