EXPERIENTIAL learning factory

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ASSET MANAGEMENT SYSTEM Application Development

ELF / HTD Training Programs

Full Stack - Use Cases

TESTYANTRA Software Solutions

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1. INTRODUCTION

This document outlines the Project. The project is to develop an Asset Management System for an organization. This document contains the work flow of the system and gives guidelines on how to build the functionality gradually in each of the course modules.

1.1 Setup Checklist for Project

Minimum System Requirements

- Intel Pentium 90 or higher (P166 recommended)
- Microsoft Windows 95, 98, or NT 4.0, 2k, XP, Windows 7
- Memory: 32MB of RAM (64MB or more recommended)
- Internet Explorer 6.0 or higher

1.2 Instructions

- The code modules in the mini project should follow all the coding standards.
- You can refer to your course material
- The total time required to complete this project is 50 hrs.
- Since this project work will span over couple of months, you will need to take care of maintaining the code

2. PROBLEM STATEMENT

Online Asset Management System helped to uncover some of the problems with Conventional Asset Management Systems. Here the Asset Manager manages several company and persons, he/she achieve this by taking proper documentation and record keeping, these records grow with time and ease of use as well as retrieval of information becomes tedious. Access to sensitive information or portfolio becomes grueling. Using these Conventional methods post lots of constraint on managers has he/she to move around with large files always to be able to have first –hand access to info on demand. These slow work process and affect rapid growth in an establishment.

2.1 Objective

2.1.1 General Objective

To automate the process of Asset Management System through Online based and hence minimize errors resulting from manual system operations.

2.1.2 Specific Objective

In view of the problems mentioned above, this project is aimed at implementing an Asset Management System which will exclusively:

- Automate every asset manage by an individual or the firm.
- Efficiently handling of asset files and secure channel through which asset will be store, sorted, updated and can be retrieved at all the time.

2.1.3 Scope of the Study

This Online Asset Management is to develop a system capable of handling all springlight assets both software and hardware. The system will be able to add asset, manage

asset category, add users to the system, delete asset that have been destroyed, register asset vendors, assign asset to staff and manage asset category, the system will also incorporate in its design a feedback layout.

2.2 Abstract of the Project

This project is aimed at developing Asset Management System. This system can be used to search for an asset based on search condition, assign a hardware asset to/from an employee based on request, insert new asset details, modify an existing asset details and display all asset allocation request details. This is an integrated system that contains both the user(Manager) Component and the Admin Component.

3. IMPLEMENTATION

3.1 Functional Requirements

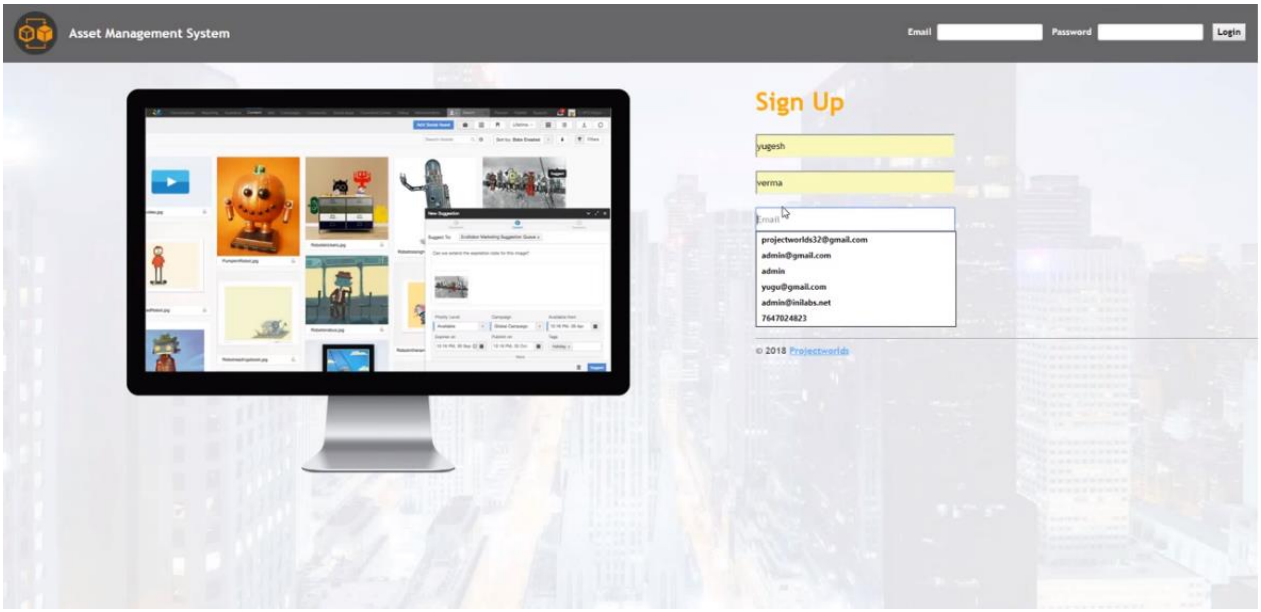
Following is a list of functionalities of the system. Wherever, the description of functionality is not adequate, you can make appropriate assumptions and proceed.

There are two categories of people who would access the system viz. User (Manager) & Admin. Each one of them would have some exclusive privileges (for e.g. Managers can just raise a request for allocation/release of an asset for his/her team member on behalf of them.)

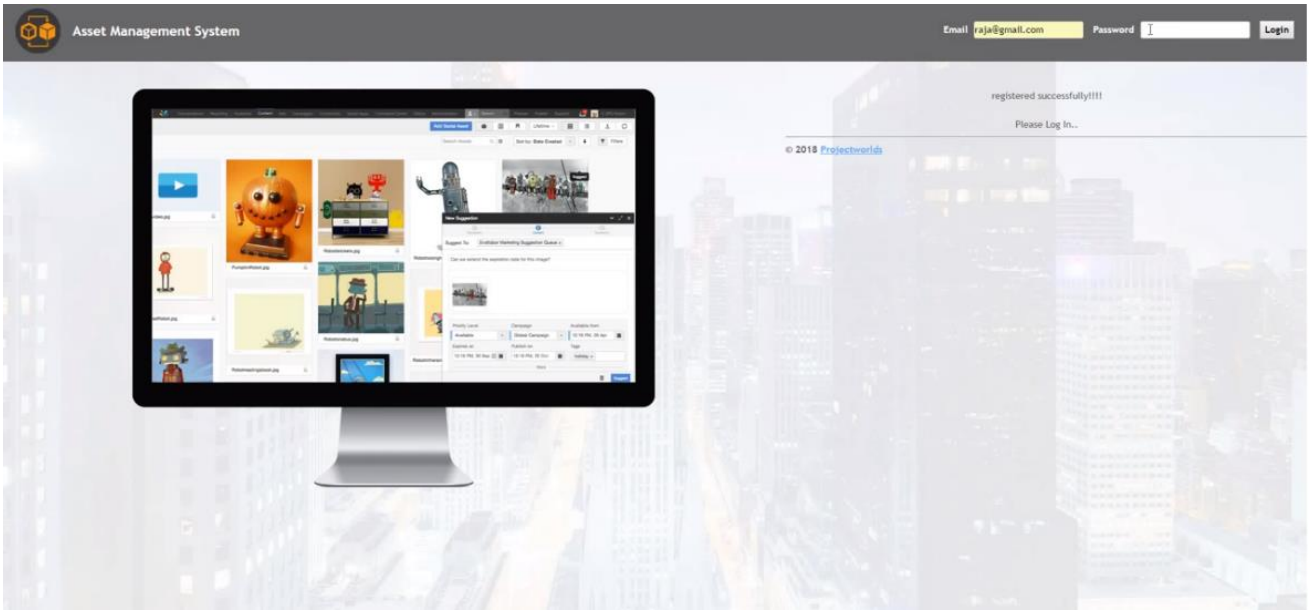
1. Managers should be able to
   - Login to the system using his/her credentials
   - Raise a request for allocation of asset to an employee, by filling up the asset requisition form that auto generates the asset request ID.
   - View the status of request, based on the asset request ID
2. The administrators should be able to
   - Login into the system using his/her credentials
   - Include new asset/modify asset details from the inventory.
   - Approve/Reject a request on the basis of the details of the request raised. If raised request is approved, then allocate asset to an employee and change request status as 'Allocated'.
   - Generate various reports like:
     - View List of assets available in an organization based on category:
       1. Allocated Assets
       2. Unallocated Assets

4. System implementation

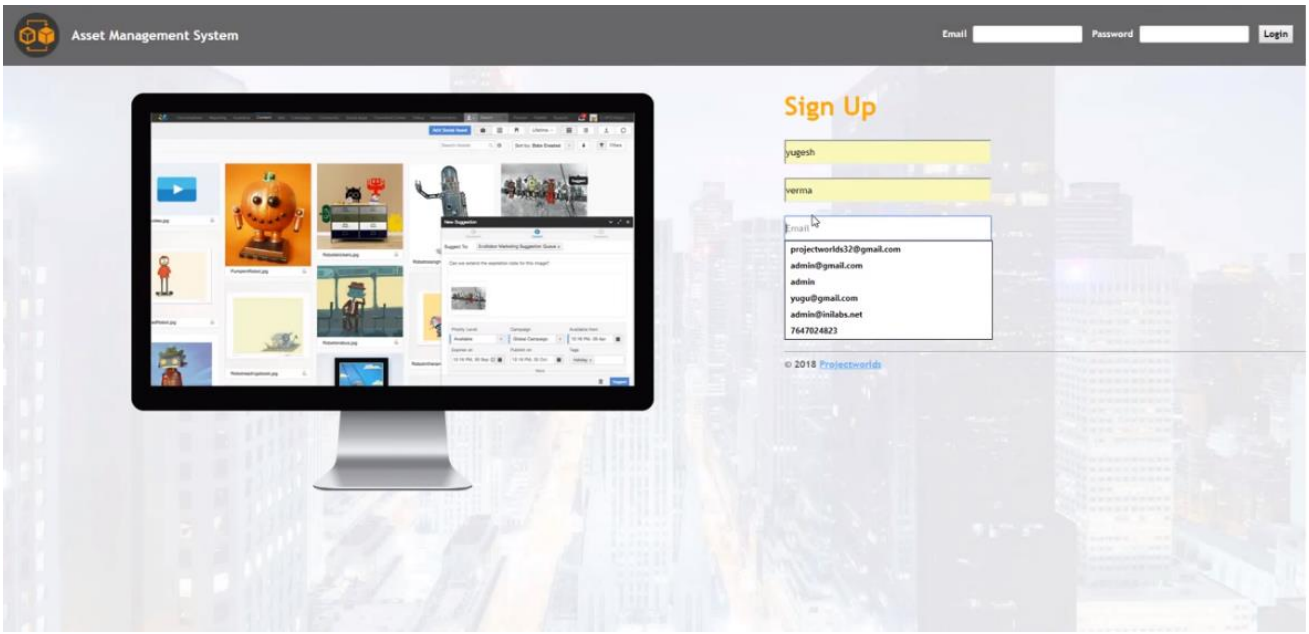
(i) Welcome Page:



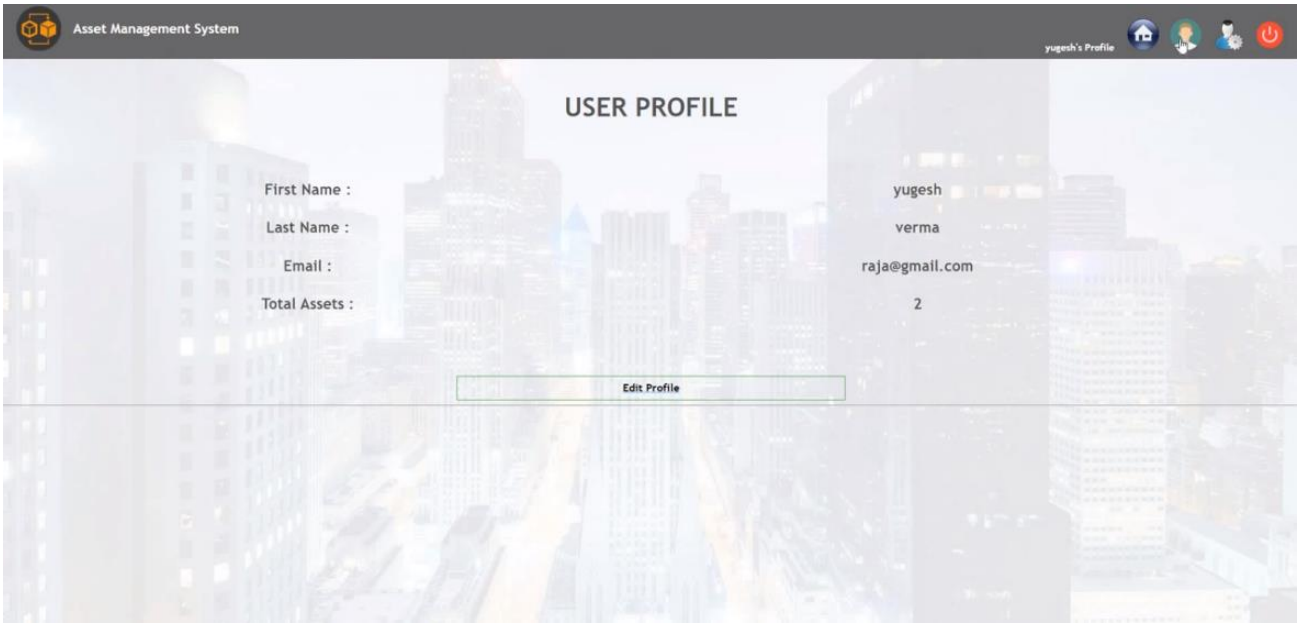
(ii) Login Page:



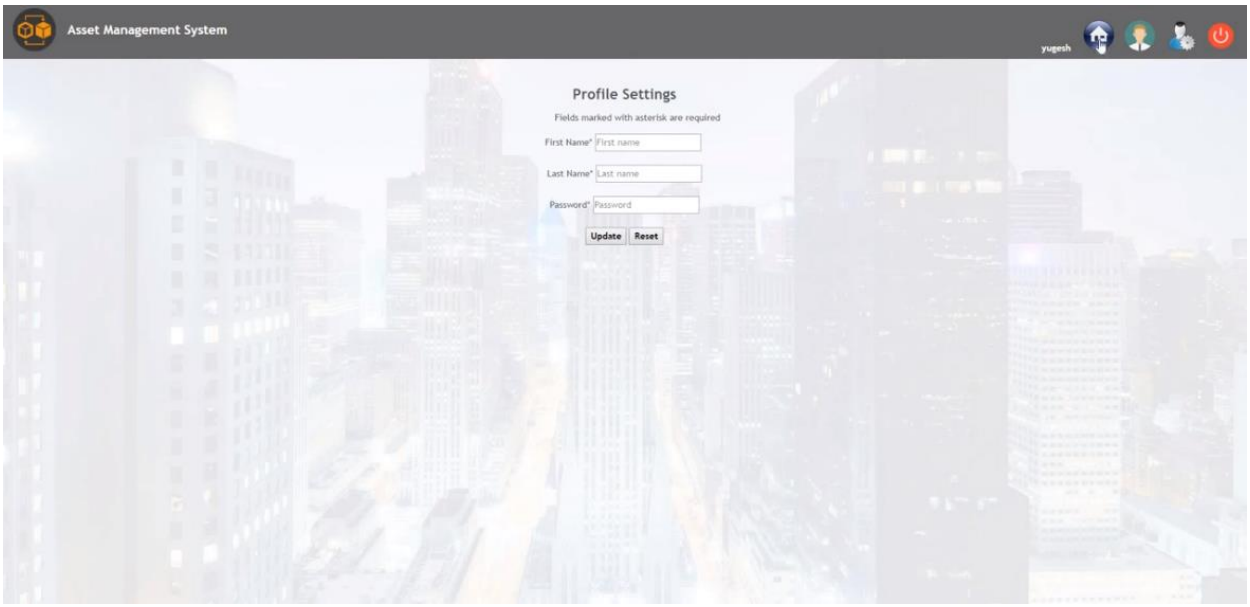
(iii) SignUp and Create Account:



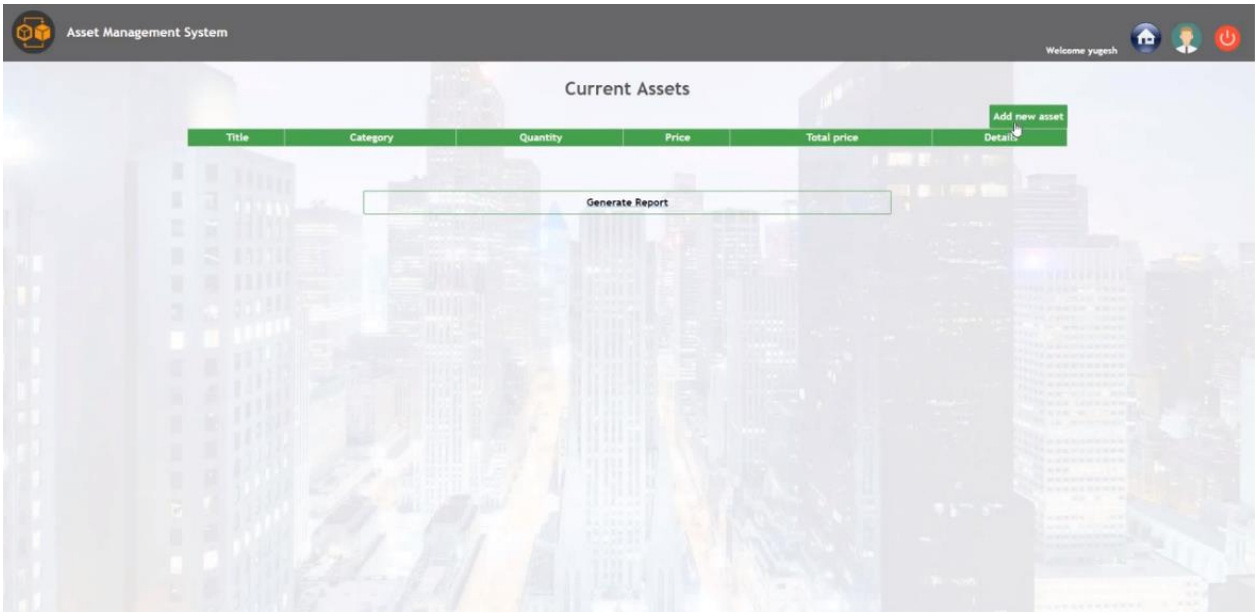
(iv) User Profile



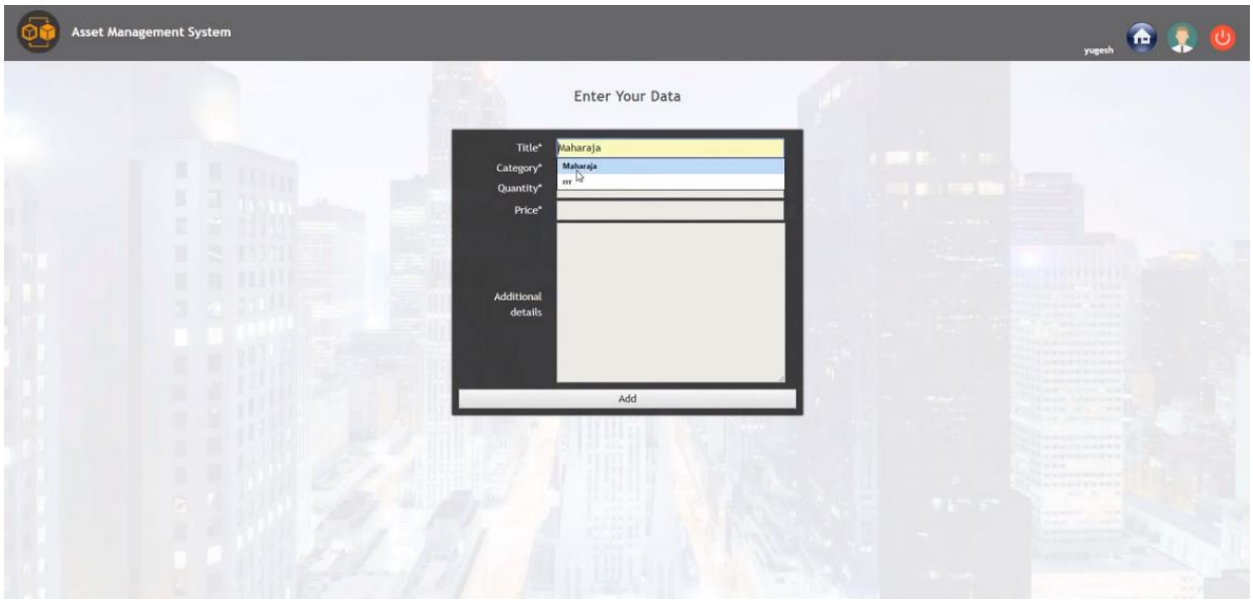
(v) Edit Profile:



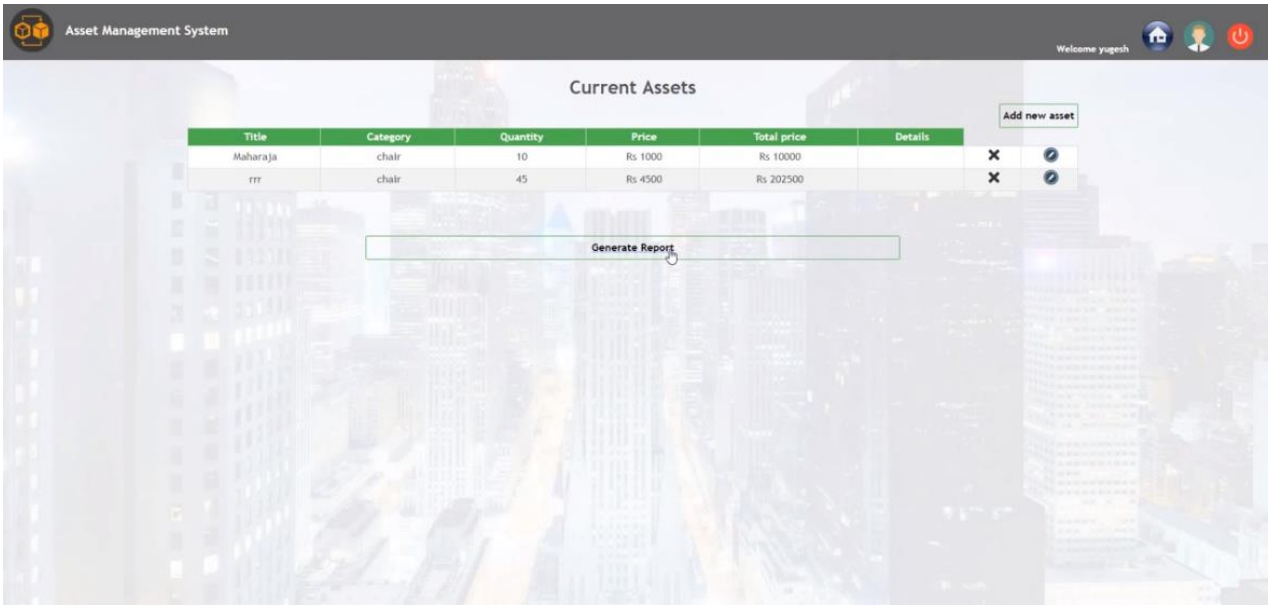
(vi) Current Assets



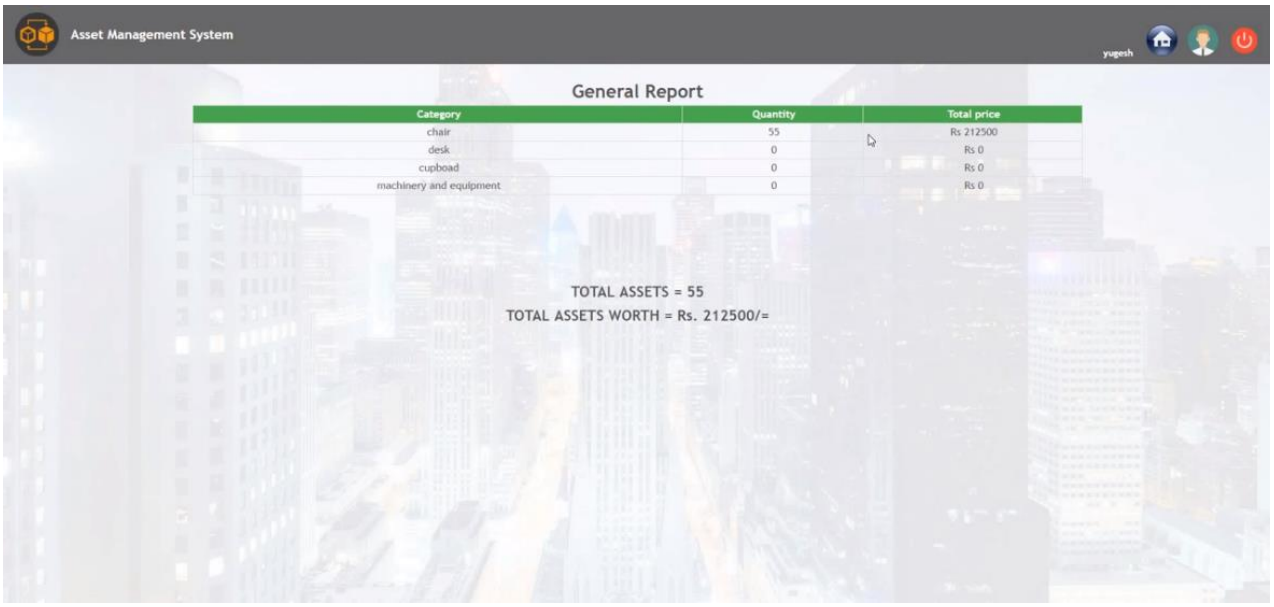
(vii) Add Asset Details:



(viii) Generate Result:



(ix) View Report:



5. Conclusion

Benefits from asset management strategy appliance are obvious. Also having a good asset management system is one of the most important aspects. In this paper we tried to make an overview of desired features and technical preconditions. Also we tried to value our desirability of such functions and value some of the existing software packages against our methodology. General conclusion is that some of the systems managed to gain high scores in some of the sections excelling in some of the features but failed in the rest of the metrics. Having in mind the need of such systems gives us a motivation for its development.