**ASSET MANAGEMENT SYSTEM**

Group Number – 5

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**Objectives**

* Project Understanding
* Actors
* Modules

**Project Understanding**

* The project aims at developing an Asset Management System used for maintenance of asset details in an organization which can be accessed throughout the organization.
* This is an integrated system that contains the Admin component and the User (Manager) component.

**Actors:**

There are two categories of people who would access the system viz. Manager(User) and Admin.

* **Managers** - Can perform the following tasks:
* 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 requests made by manager by entering his manager Id.
* **Administrator** – Can perform the following tasks:
* 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 ‘Approved’ else ‘Rejected’.

**Modules**

* Login
* Raise A Request
* Insert Raised Request
* View Status
* Add Asset
* Modify Asset Details
* Approve/Reject Request

**1. LOGIN Module:**

Login module is common for all the users of the system i.e. Admin and User(Manager).

* **Basic functionality of the login module are as follows:**
* Taking login credentials from the user.
* If given credentials are wrong, show appropriate message.
* If login succeeds, user will be navigated to his/her respective page as per his/her role.

**2. Raise A Request:**

This module is for the Manager to raise a request for required asset.

* **Basic functionality of this module are as follows:**
* Raise a request on behalf of an Employee.
* Automatically generated allocation Id is displayed.

**3. Insert Raised Request:**

This module is for the Manager to insert a request for required asset.

* **Basic functionality of this module are as follows:**
* Insert the raised request into the database.

**4. View Status:**

This module is for the Manager to view status of requests.

* **Basic functionality of this module are as follows:**
* View status of the Request raised by the manager himself.

**5. Add Asset:**

Add Asset module is for the Admin to add new asset into the database.

* **Basic functionality of this module are as follows:**
* Admin can insert new asset into database.

**6. Modify Asset Details:**

Modify Asset Details module is for the Admin to modify the asset details into the database.

* **Basic functionality of this module are as follows:**
* Admin can update the details of the asset according to the requirements. He can change the description of asset and increase or decrease the quantity of asset.

**7. View Request:**

View Request module is for the Admin to view, approve/reject the raised request.

* **Basic functionality of this module are as follows:**
* Admin can view the raised requests.
* Admin can approve or reject the raised requests.