

# **Project - Inventory Tracking System(ITS)**

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## **Front End Implementation Details**

1. When opened, different roles are displayed.
  - Admin
  - Operations Manager
  - Supervisor
  - Faculty
2. A role is selected, and credentials are to be entered.

# 1 Admin Mode:

1. Appoint Operations Manager for the fields.
  - The fields are displayed.
  - Select the field for which you want to appoint the Operation Manager.
  - The details of the Operations Manager is stored in the database by giving required info.
2. View the profile of Operation Manager
  - The list of Operations Managers is shown.
  - Select the Operation Manager to know the info of OM.
3. Remove Operation Manager
  - List of Operation Managers is shown.
  - Select the Operation Manager whom you want to remove.(The total data of the person is removed)
4. Providing the details of sellers
  - The Seller Info is to be given by the Admin and is stored in the database.
5. Accessing all the info of the Department.
  - All the fields are listed.
  - A field is selected then the view is changed which is similar to that of the operations manager.
6. Change Password
  - Enter Old Password.
  - Enter New Password.
  - Confirm New Password.(The new password is updated in the database.)

## 2 Operations Manager Mode:

1. Add new Object classes.
  - Enter the name of the object class which you want to create.(The object class is created.)
2. Delete object classes.
  - List of the object classes is shown.
  - Select the object class and click delete button.(The object class data is deleted.)
3. Appoint Supervisor for Object Class(es)
  - The info of the Supervisor is given by the OM and the object class for which he is Supervisor, this info is stored in the database.
4. View Supervisor Info
  - List of all Supervisors in Operation Manager's Field is shown.
  - Select a supervisor
  - Info of the supervisor is displayed.
5. View Object instance Info
  - All the object instances in the object classes are shown which can be filtered by the OM for viewing.
  - Select one of the object classes.
  - After selecting one object instance, the whole info of the object instance is displayed.
6. Change Password
  - Enter Old Password.
  - Enter New Password.
  - Confirm New Password.(The new password is updated in the database.)

### 3 Supervisor Mode:

1. Add object instances and store info of a bought item.
  - The Item Info is asked which is given by the Supervisor. (Every object is assigned an IITH ID and the count of the object class is kept track.)
2. Delete object instances
  - List of the object instances is shown.
  - Select the object instance.
  - Then click on the delete button, the instance is deleted.
3. Update status of an object instance. (Working/Damaged/Under Repair)
  - List of the object instances is shown.
  - Select the object instance.
  - Then, the status of the instance can be updated.
4. Access Info of Object classes assigned to the Supervisor.
  - All the object instances in the object classes under the Supervisor are shown.
  - Select any of the object instance.
  - After Selecting, the whole info of the object instance is displayed.
5. Change Password
  - Enter Old Password.
  - Enter New Password.
  - Confirm New Password.(The new password is updated in the database.)

## 4 Faculty

1. Select the field about which Faculty wants the info.
  - Lab
  - Library
  - Classroom
2. After selecting,
  - All the object instances in the object classes are shown which can be filtered by the faculty for viewing.
  - Select one of the object instance.
  - After selecting one object instance, the whole info of the object instance is displayed.
3. Change Password
  - Enter Old Password.
  - Enter New Password.
  - Confirm New Password.(The new password is updated in the database.)