

# Estate Management System

## Introduction

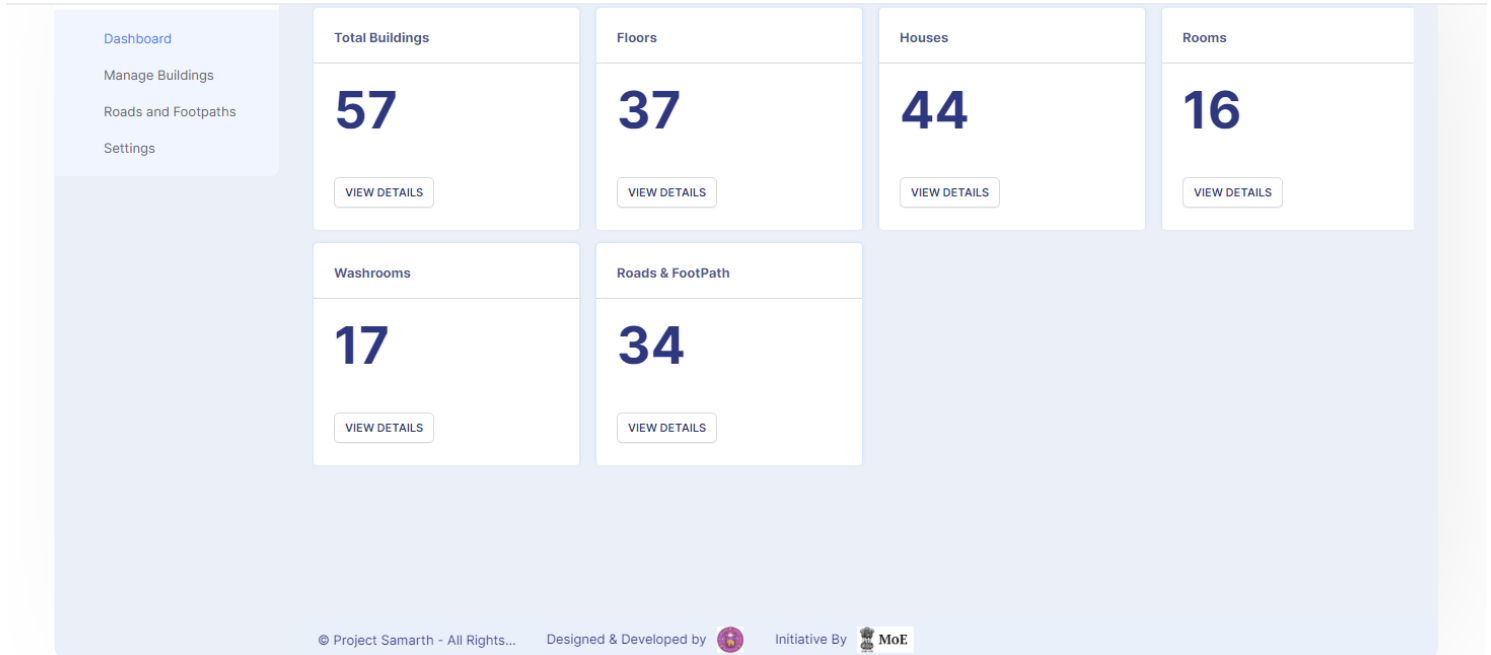
Estate Management manages the property under the University like the Total Number of Buildings, Floors, Rooms, Washrooms, Roads & Footpaths, Doors, Windows, Walls etc. It also provides corresponding configuration for these properties to ease the functionality of the University.

This module has the following sections:

- **Dashboard**
- **Manage Buildings**
- **Roads & Footpath**
- **Settings**

## Dashboard

This is the home page which will contain information related to total no. of buildings, floors, rooms, washrooms, roads & footpath under the University administration.



Admin can view the estate details by clicking on **View details** for any particular entry. This will take them to a new page where he/she cannot only view but can also manage the building information.

## Manage Buildings

After clicking on view details, the admin will be taken to a new page where they can manage the information.

Admin can see the few details of existing buildings like the name of the building, its location (landmark), the name of campus it is located in and can manage it from here.

Additionally, you can view this section via Estate Dashboard. Click on **View Details** under the **Total Buildings** section.

Admin can also type in the space given below of each column to filter out particular building details from the rest.

If the admin wants to perform some action like view/edit/delete complete details for a particular building, then it can be done by clicking on the **View, Edit or Delete** icons present in front of every row corresponding to the building on the right side.

This is the section which will contain information like total no. of buildings, floors, rooms, washrooms, roads & Footpath under the University Administration.

All the buildings, their different types and parts will be listed here, for example:

- Floor (in the respective building)
- Rooms (in the respective building)
- Washrooms

Admin can add a new Building Image (if any) and upload it by clicking on the tab **Add Building Image** present on the bottom left side of the portal.

Admin can **update** the current details of the building or **delete** it or can take out a **print out** of the information in the form of PDF by clicking on tabs present at the right side of the portal.

Admin can even add new buildings accordingly if new construction has been done by clicking on the tab **Add New Building** present on the top right side of the portal.

After adding details about the building, the admin can submit it by clicking on the **submit** tab. Once the details are submitted they can be viewed in the **All Building** section.

Similarly, for rooms, floors, washroom admin can view/add/delete/print details in a similar way corresponding to their section.

## Roads and Footpath

- While clicking on roads & footpath sub section, admin can view information like width, length, type of roads, and footpath.
  - Admin can view/edit/delete details in a similar way as of buildings according to the action.
  - Admin can also type in the space given below of each column to filter out particular Road details from the rest.
  - Admin can add a new road by clicking on the **Add New Road** tab present on the top right side of the portal.
  - Once all the details are filled, click on the **submit** button. After submitting, new entry will appear on the Roads & Footpath subsection with all other entries.
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- If the admin wants to know information about the type of walls, doors, window, structures, etc then it can be found under the **Setting** subsection of the estate module.
  - Following are the Settings that the admin can configure in this module:
    - a. Type of External Wall
    - b. Type of Foundation
    - c. Type of Roofs
    - d. Type of Sub-station
    - e. Type of Structures
    - f. Floor Levels
    - g. Floor Categories
    - h. Type of Window
    - i. Type of Door
    - j. Type of Flooring
    - k. Type of Railing
    - l. Type of Road
    - m. Type of Footpath
    - n. Type of House
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- Admin can view the details through the **eye icon** which will take him to the next page where he can make the updates or can delete it accordingly or can directly edit the details by clicking on **edit icon**.
- Admin can add a new type for each entry in the Setting subsection also by clicking on **Add new type**. Once filling all details click on **Save**.

## Annexure

### Roles in Module

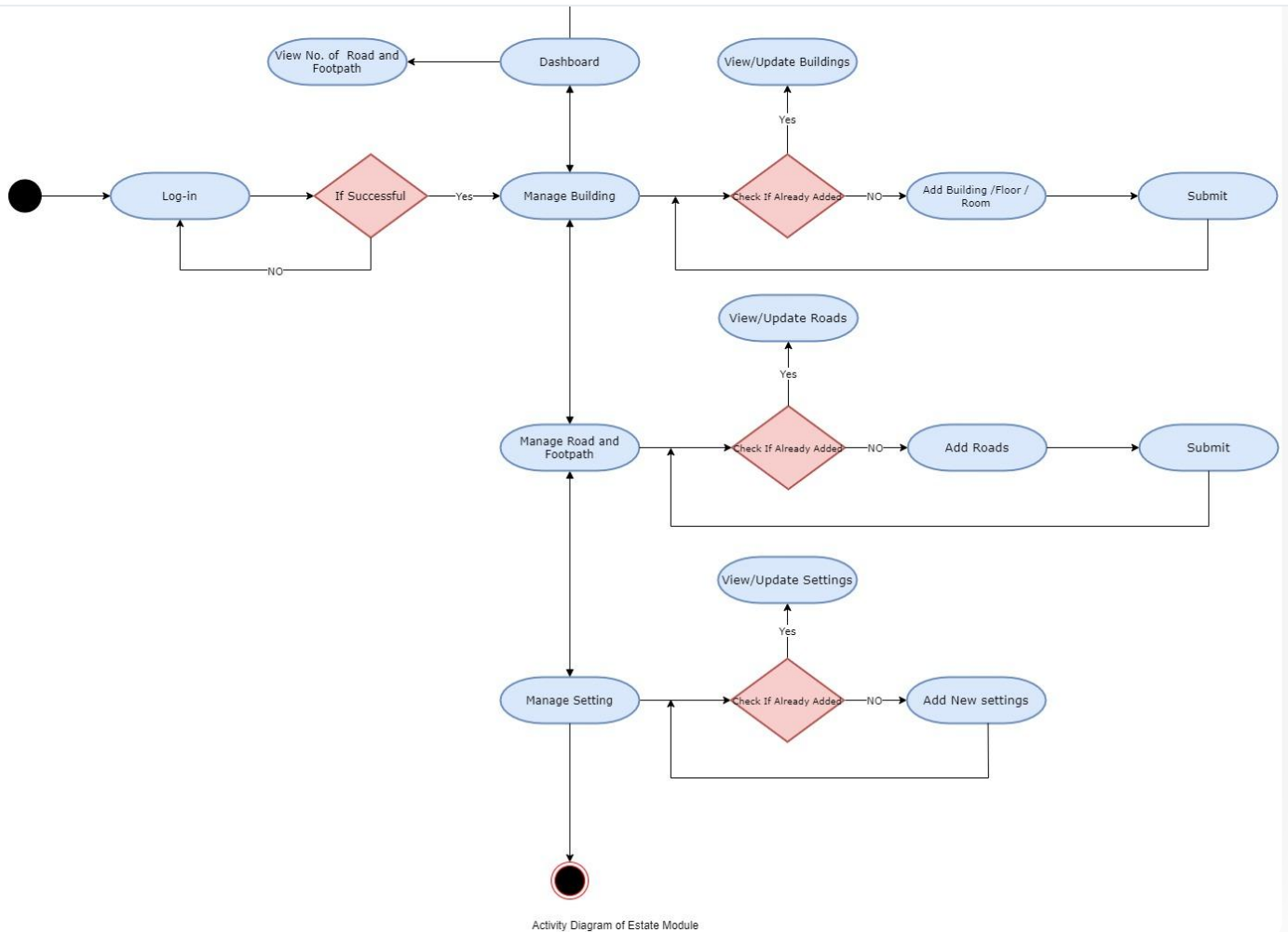
Role Name	Description
<i>estate_admin</i>	This role will be provided to the Estate Administrator, who handles all the estate-related details in the university.

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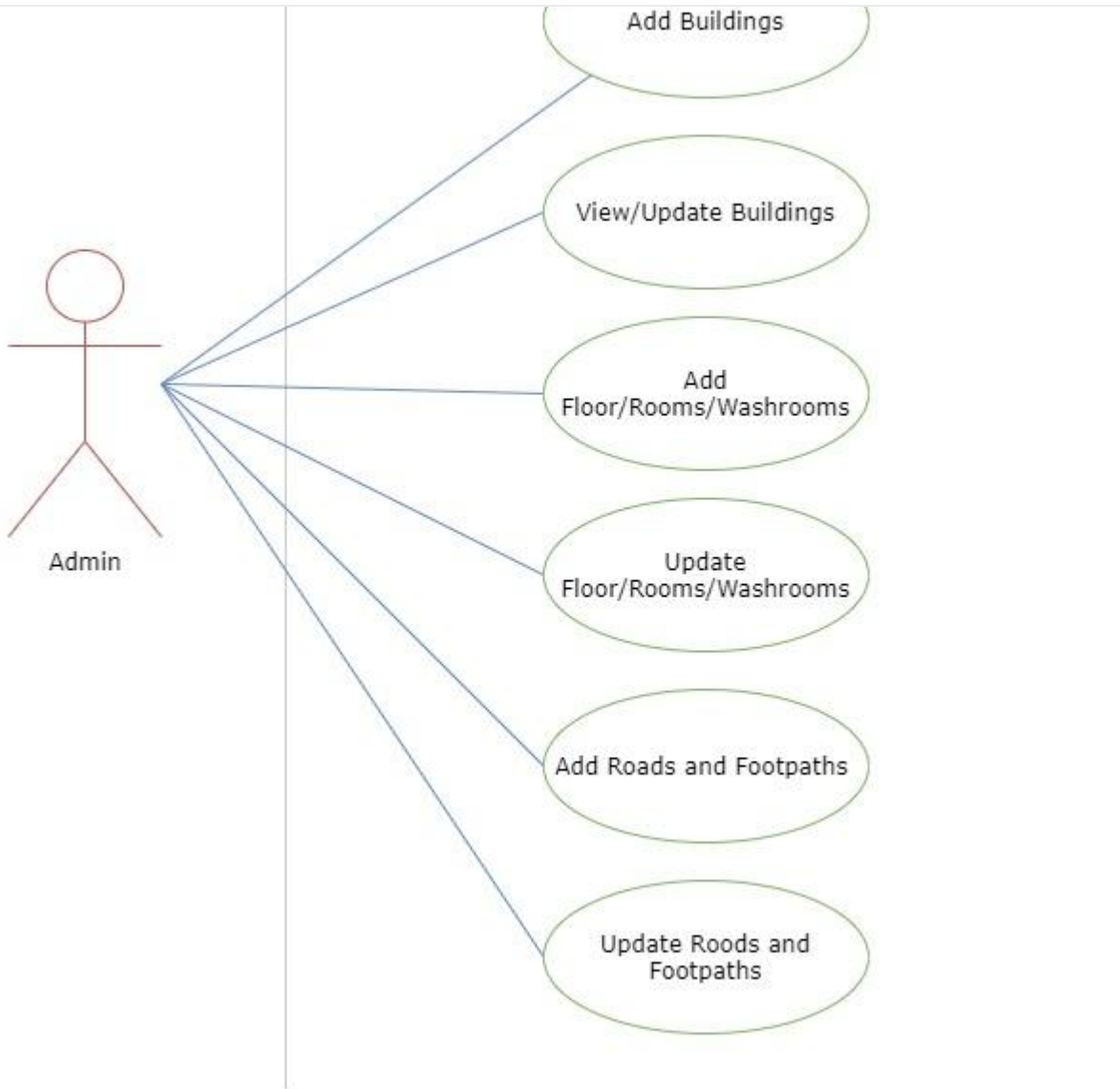
### Workflow Diagrams

#### Activity Diagram

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## Use Case Diagram



Use Case Diagram of Estate Module

## External Resources

 [Module Training Video ↗](#)

[✎ Edit this page](#)

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## INTRO

Getting Started

Module Breakup and Prerequisites

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## ACADEMICS

Academics

Alumni Portal

Evaluation & Grading

Evaluation & Grading (for evaluator)

Hostel Management

Programme Management System

Student Feedback Management

Training and Placement

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## ACCOUNTS & FINANCE

Bill Tracking System

Budget & Accounts

Endowment

Payroll Management System

Research Project & Management System

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## ADMISSIONS

CU Admission Userguide

CUCET Administrative Portal - CUSB

CUCET User Guide for Registration 2021

DU Admission - PG

DU Admission - UG

DU Admission Backend

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## BASE MODULES

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## **DATA MANAGEMENT**

Content Federation System System  
Minutes Resolutions Archive Retrieval System  
University Web Portal - Technical Document

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## **EMPLOYEE SERVICES**

Career Advancement Scheme  
Employee Management - Admin  
Employee Management - Non Teaching  
Employee Management - Teaching  
Knowledge  
Leave Management System  
ToT Management

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## **GOVERNANCE**

Affiliation Management  
[Estate Management System](#)  
File Management & Tracking System  
Inventory Management System  
IT Service Desk  
Legal Case Management System  
Residence Allocation (E-housing)  
RTI Management System

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## **RECRUITMENT**

Recruitment Management (Candidate Portal) - Non-Teaching  
Recruitment Management (Candidate Portal) - Teaching  
  
Screening Process of Non-Teaching Recruitment

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## UNIVERSITY FACILITY

Core Communication System

Essential Services

Grievance Management

Health Management System

Security Management System

Sports Management System

Transport Management System