



## **Bulk Mail Blocking And Unblocking Portal**

<b>Name</b>	Devadharshini S
<b>Roll no</b>	7376221SE112
<b>Seat no</b>	91
<b>Project ID</b>	11
<b>Problem Statement</b>	Bulk Mail Blocking And Unblocking

### **1. Introduction**

#### **1.1. Purpose:**

The purpose of this document is to present a detailed description of the Bulk Mail Blocking and Unblocking Portal. The Document Explains the working and production of the bulk mail maintenance portal.

#### **1.2. Scope of Project:**

- This software system will serve as a portal for the Student Affairs , enabling admins to watch and monitor students' Mail-Ids and perform bulk action on the students who are not under guidelines of respective principles provided by the college administration.

- Administrators have the ability to Block or Unblock student's mail-id. Once a student is marked under any rule violating or academic class bunking, the list is sent to the student affair to block the particular mail-id and when a particular student assure for not repeating the same process again and provide with the revoke form administrators can unblock the particular mail-id.

## **2. System Overview:**

### **2.1. Users:**

#### **1. Admins:**

Once the list of Students Whose Mail-is should be Blocked or Unblocked is sent to student affairs they check for the guidelines under which the process is going to be performed, and after the proper clearance from the respective incharges is given the blocking or the unblocking process takes place.

### **2.2. Features:**

#### **1. Login and registration:**

Admins can register for an account or login with their existing account

#### **2. List of Students Submission:**

Particular incharges of various categories like Special lab, Academics, Skill, Training and placement, discipline committee sends the students list who are not under their guidelines, to the student affairs team and insist them to block the particulars mail-id, and once Student address the issue and provide with a revoke form will be unblocked with their mail-id.

#### **3. Application Status:**

Students can view the current status of their Mail-id's and the history of logs.

#### 4. Revoke Process:

Students with proper communication with the respective and signed revoke form can contact administration for the revoke process.

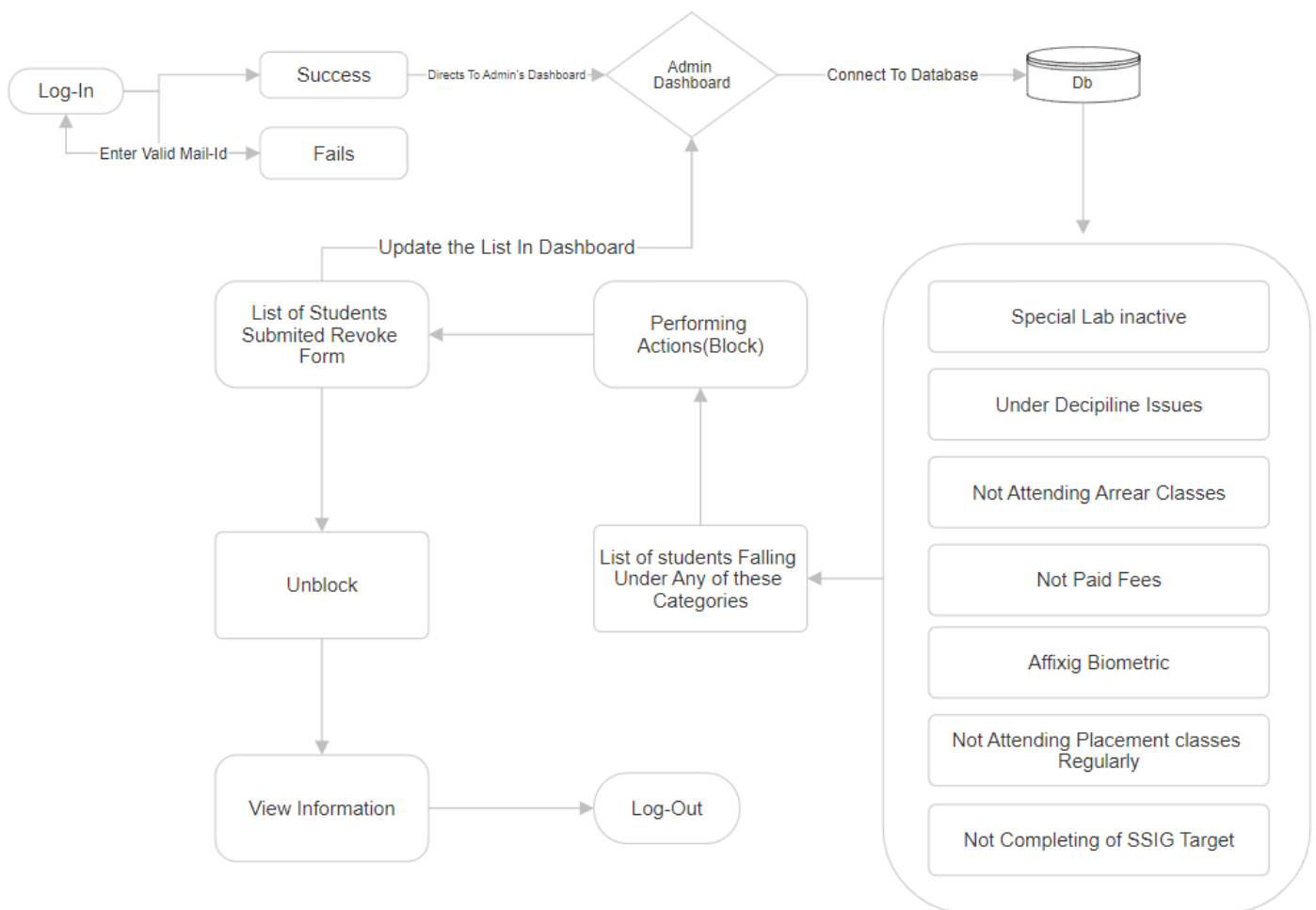
#### 5. Admin Access:

Admin can view all the students listed under each category and have the access to block or unblock the particular mail-id. Even have the access to see for the history of the particular mail-id.

#### 6. Admin's Analytical Dashboard:

Admin can view the number of Mail-ids falling for their actions by category, and also see the latest log.

### Work Flow



### **3. System Requirements Specification:**

#### **3.1 Functional Requirements:**

- **User Management:**

- Admins can register and login.
- Admins have access control with an analytical dashboard and dedicated features .

- **Admin Dashboard:**

- Respective Incharges will Submit the list of Students Whose mail-id to be blocked with notable reasons.
- Dashboard contains:
  - Name of the student
  - Reason For Blocking of Mail-Id
  - Number of mail-id to be blocked And unblocked
  - Action to be performed

- **Mail-Id Status:**

- Admins can view the current status of the students Mail-Id
- If the Mail-id is blocked the reason is shown
- Students Are informed of the reason for their mail-id blockage.

- **Revoke Process:**

- Students With Proper Communication with the respective incharges and with signed revoke form will be unblocked.

- **Admin Dashboard:**

- Admin dashboard is updated with the current status of the students and the upcoming information is updated.
- Students Are categorized as whom to be blocked and unblocked.
- Admins can Block or Unblock the mail-ids based on the categories.
- Admins can communicate with the students who do not take any actions on their revocation process .

## Backend:

### 1. Student entity

name	String
email	String
password	Hash code
Roll no	String

### 2. Student Details Entity

Roll no	String
Details	<u>Array of Objects</u> <ul style="list-style-type: none"><li>• category String - title String</li><li>• numberOfStudents - Number</li><li>• additionalStudents - Array of Objects</li><li>• createdAt - Date</li></ul>

### 3. Blocking Process Entity:

Roll no	String
Reason for blocking	Details[ ] in the dashboard

## Stack:

Front End	HTML,CSS,JAVASCRIPT
Backend	php,apache,linux

Data Base	MySql
-----------	-------

## Prototype of the Project:

### *1. Login form*

**Welcome Back!**



Mail-ID Control Portal

Admin login

## Login

[Forgot password?](#)

## Admin's View

Logout

### Action

[illegible]