



## **BANNARI AMMAN INSTITUTE OF TECHNOLOGY**

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<b>SEAT NO</b>	295
<b>PROJECT ID</b>	20

### **PROBLEM STATEMENT :**

The current reward points dashboard for student events lacks efficiency and transparency, causing wasted time, frustration among users, and a lack of visibility into administrative processes. Implementing a solution to automate and streamline reward points allocation and approval processes is crucial for enhancing operational efficiency and participant satisfaction.

### **PROJECT FLOW :**

#### **Purpose**

Create a reward points dashboard to streamline reward points allocation, event uploading, follow-up, and proof approval, enhancing efficiency and transparency.

#### **Scope**

Include user authentication, event management, proof submission, approval workflow, reward points allocation, and report generation to simplify event documentation for users and administrators.

## **Dependencies**

- Integrating a secure login system with BITSATHY mail or any other email system involves implementing various authentication and security protocols.
- Internet connectivity for system access.

## **Database Management System (DBMS)**

Use a robust DBMS for efficient storage and management of event data, user information, proofs and reward points. Allow users to view and provide feedback in case of any changes. At the same time, administrators must have access to view,upload or edit specific data.

## **User personas**

### **1. Student :**

- View upcoming events.
- Submit proofs for event participation.
- Provide feedback on allocated reward points.

### **2. Faculty :**

- Schedule and manage events.
- Review and approve proofs.
- Allocate and adjust reward points.

### **3. Admin :**

- Approve event codes.
- Regulate the approval process managed by faculty.

### **4. Super-admin :**

- Manage the entire reward points dashboard.
- Ensure the smooth operation of the approval workflow and data management.

## **Functional requirements**

### **1. User Authentication**

- Integrate with BITSATHY mail System for secure login.
- Ensure different access levels for students, faculty, admins, and super-admins.

### **2. Event Management**

- Faculty can schedule and manage events.
- Students can view event details.
- Admins can approve event codes.

### **3. Proof Submission**

- Students can submit proofs for event participation.
- Faculty can review and validate proofs.

### **4. Approval Workflow**

- Faculty can approve or reject proofs.
- Admins regulate event code approvals.
- Super-admins manage the entire approval process.

### **5. Reward Points Allocation**

- Automate reward points allocation.
- Faculty can allocate and adjust points.
- Students can view and provide feedback on points in case of any changes.

## 6. Data Management

- Use a robust DBMS for data storage and management.
- Allow secure data access and editing by authorized users.

## 7. User Interface

- Design an intuitive and responsive interface for all user roles.





