Reward points dashboard

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Project ID	*20*
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Domain Allocation	*Skill*
Stack Allocation	*Python Stack (AI)*
Module Name	*Reward points dashboard*
Module Description	*Students Technical and non-technical reward points system*

Project Goal:

- This website has four types of users namely students, faculty, admin and super admin. where student has only has access to view reward points they allocated and faculty login have the access to request for reward points for specific event attended by students.
- Whereas admin can accept or reject the request from faculty and super admin has access to allocate reward points for accepted request.

1. **Start:** Users begin the interaction with the application.

2. **Login (Admin/Student):** Sign in With Google

3. **Valid Login? (Yes/No):** The system validates the provided credentials.

   o Valid Login (Yes): Users are directed to their respective dashboards based on their roles.

      ○ Invalid Login (No): Users are redirected to the login screen with an error message.

4.Faculty Details:

      ○ Faculty login can request reward points with student detail who attended specific events eligible for reward points

      ○ Also has access to view reward points allocated by every students

5.Admin Details:

      ○ Admin login can accept or reject request from faculty for reward points

      ○ If request is rejected the admin can give feedback about rejection .

6.Super Admin Details:

      ○ Super admin login has access to allocate reward points for accepted request from admin

7.Student Details:

      ○ Student login can only see reward points allocated by them in detail .

End: Users can log out anytime, returning to the starting point.

Explanation:

The system flow is illustrated by the flowchart. Here's a breakdown of the key steps involved:

Flow chart - Reward Points Dashboard

```
                          Start
                            │
                            ▼
                          Login
                            │
                            ▼
                     Select User Type
      ┌──────────┬──────────┼──────────┬──────────┐
  Super admin   Admin     Faculty    Student
      │           │          │          │
      ▼           ▼          ▼          ▼
  Super Admin  Review    Request     View Reward
               Requests  Reward      Points
      │           │       Points        │
      ▼           ▼          │          ▼
  Allocate the  Request      ▼      Can only see the
  reward points Approved? Provide Event allocated reward points of
  for approved    │       Details   all students or detail.
  request      ┌──┴──┐        │       (Load Dialog ...)
            No │     │ Yes    ▼
               ▼     ▼    Provide Student
          Reject   Allocate   Details
          Request  Reward        │
               │   Points        ▼
               └──┬──┘       Submit Request
                  ▼               │
            View Dashboard        ▼
                  │          Request Submitted
                  ▼
            View Reward
            Points
                  │
                  ▼
            View Total Reward
            Points
                  │
                  ▼
                 End
```