

SOFTWARE REQUIREMENTS SPECIFICATION(SRS) FOR SKILLSCORE

Student Activity points Management platform

Prepared by Group no: FN- 8

SUZZANNE SADIQUE

B220564CS

RUSHDA P P

B220503CS

RACHEL PAUL

B221138CS

1. Introduction

1.1 Purpose

The **SkillShare Activity Point Portal** aims to streamline the process of tracking, submitting, and verifying student activity points. It provides role-based access for students, faculty, and faculty advisors to manage event participation records effectively.

1.2 Scope

- Students can submit event participation requests and track their approval status.
- Faculty advisors review and approve/reject student requests with feedback.
- Faculty members manage events and oversee student participation.
- Dashboards provide insights into points, events, and pending actions.

1.3 Intended Audience & Usage

This system is intended for:

- Students earning activity points.
- Faculty advisors responsible for approving student requests.
- Faculty members manage events and monitor participation.

1.4 Assumptions & Dependencies

- The system assumes that all users have valid institutional credentials.
 - It relies on a centralized database for request tracking and event management.
-

2. Overall Description

2.1 System Overview

The portal allows students to submit participation requests for events, faculty advisors to review and approve/reject these requests, and faculty members to manage event records. The system maintains transparency by tracking total earned points and displaying upcoming events.

2.2 User Classes & Characteristics

Students: Can submit requests, view events, and track approval status.

- **Faculty Advisors:** Approve or reject submissions, and monitor pending requests, add and manage events.
- **Faculty Members:** Can add and manage events, view pending requests.

2.3 Constraints

- The system must be accessible only via institutional login.
 - Event submissions require supporting documents for verification.
-

3. Functional Requirements

3.1 Student Features

- Submit activity points requests, along with proof.
- View approval status (Pending, Approved, Rejected) with faculty comments.
- Students can edit their requests while still in the submitted state.
- Students can resubmit requests with corrective measures taken after rejection.
- Track total points earned via a **circular progress tracker**.
- View upcoming events.
- View profile to see details.
- Can add additional faculty if required.

3.2 Faculty Advisor Features

- View pending student requests, and be able to search and filter through them.
- Click on a request to see event details, uploaded proof, and comments.
- Approve or reject requests (if rejecting, add a comment explaining why).
- View students below the required activity points.
- Dashboard showing **pending requests count, total students, and upcoming events**.
- View all students under them and their reports, along with their pending requests, if any.
- Add events (event name, date, type, required points).
- View events submitted by them.

3.3 Faculty Features

- View all student participation requests.
- Approve requests if sent to them.
- Add events (event name, date, type, required points).
- View their events.

3.4 Notifications

- Students receive notifications upon **approval/rejection** of their requests.
 - Faculty advisors and faculty get alerts for **pending requests**.
-

4. Non-Functional Requirements

- **Security:** User authentication via institutional credentials.
 - **Performance:** The system should handle multiple concurrent users efficiently.
 - **Scalability:** Must support a growing number of students and events.
 - **Usability:** User-friendly UI with an intuitive navigation structure.
 - **Accessibility:** Compliant with accessibility guidelines for all users.
-

5. Intended Audience

Project Stakeholders: Individuals overseeing the project to ensure it meets functional and non-functional requirements.

Students: Users submitting requests, tracking their status, and viewing relevant profiles or events.

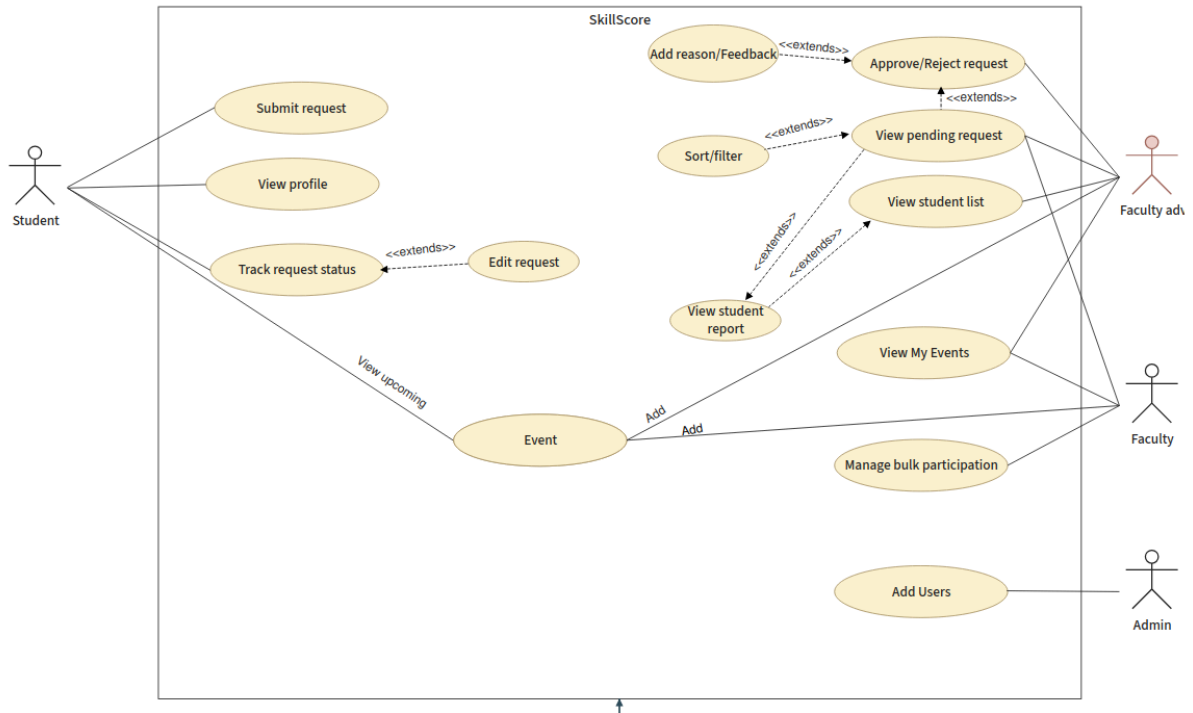
Faculty Advisors and Faculty Members: End-users interacting with the system for reviewing requests, managing events, and accessing student information.

System Administrators: Personnel managing user accounts, system configurations, and overall maintenance.

6. Use Case Diagram

User Roles : Student, Faculty Advisor, Faculty, Admin

Use Case Diagram



7. Conclusion

This SRS document provides a structured approach to developing the **SkillShare Activity Point Portal**. It ensures that the system meets both functional and non-functional requirements while aligning with the UI design.

8.Group Log

Meeting Day	Time
16/02/25	6:00 pm -8:00 pm
18/02/25	6:00 pm -8:00 pm
20/02/25	6:00 pm -8:00 pm

NAME	Contributions
Suzzanne sadique	Design ,Functional requirements
Rushda pp	Use case diagram
Rachel paul	Non functional requirements