

# **Software Requirements Specification**

## **ONLINE STUDENT FEEDBACK SYSTEM**

Prepared by  
**Team 10 – Juhu**  
**The Eagles**

**Version 1.0**

# Table of Contents

<b>1. Introduction .....</b>	
1.1 Purpose .....	
1.2 Scope .....	
1.3 Overview .....	
<b>2. General Description.....</b>	
2.1 User Manual .....	
<b>3. Functional Requirements.....</b>	
<b>4. Interface Requirements.....</b>	
4.1 GUI.....	
4.2 Hardware Interface .....	
4.3 Software Interface.....	
<b>5. Design constraints.....</b>	
<b>6. Other non-functional requirements.....</b>	
6.1 Performance Requirements .....	
6.1.1 Speed and Latency Requirements.....	
6.1.2 Precision or Accuracy Requirements.....	
6.1.3 Capacity Requirements .....	
6.2 Security Requirements.....	
6.2.1 Access Requirements .....	
6.2.2 Integrity Requirements .....	
6.2.3 Privacy Requirements .....	
<b>7. Preliminary Schedule .....</b>	
<b>8. Analysis Models.....</b>	

# **1. Introduction**

## **1.1 Purpose**

Online student feedback is a system which can work on any operating system. The web application for feedback is developed for students, faculty, and admin. The aim of the system is to get students feedback based on each module, programs currently running or will run in the future. It will collect feedback information about faculties from students.

## **1.2 Scope**

This system allows the students to fill quick feedback form which is provided by the staff. The feedback report is generated and which is checked by faculty and admins. They can view grade and feedback obtained to the faculties.

## **1.3 Overview**

This system provides an easy solution to staff and students for maintaining feedback related to each module and programs.

## **2. General Description**

This online student feedback system replaces the traditional and manual feedback system by which lots of paper work will be reduced. The students can provide feedback easily and feedback will be sorted according to respective faculty, hence making it easy to view and organize data efficiently. This is primary feature of this system. Another feature is that feedback form can be provided to students and staff through email.

### **2.1 User Manual**

The system will provide help option in which how to operate system should be explained. Also, hard copy of this document will be given to user in booklet form.

## **3. Functional Requirement**

1. Ability to give feedback to the faculty.
2. New user will be able to sign up by using email.
3. In order to login to the system user needs to provide their username and password.
4. Ability to show the result of the feedback to the faculty.
5. User can personalize their profile.
6. Admin can navigate through all over the system.
7. Admin can access each faculty information.
8. Each faculty can access only their own feedback report.
9. Admin can view the list of all the users registered into the system.

## **4. Interface Requirement**

### **4.1 GUI**

#### **Student**

Student can give the feedback about the faculties on the scale of ten based on their interaction in the classroom with students and facility provided by collage.

#### **Staff**

The feedback given by students can be viewed by the staff and improve their performance in teaching and other aspect.

#### **Admin**

The feedback report can be checked by admin. He can view overall grades and view the grades obtained to the faculty and give report to faculty and can also give counselling to the staff. Finally, admin can give suggestions to the staff to improve their teaching.

### **4.2 Hardware Interface**

The system should be embedded in all desktop.

### **4.3 Software Interface**

- i. Online Student Feedback System
- ii. The feedback database transmitted to database server.
- iii. Report generator.

## **5. Design Constraints**

The system should be designed within 6 months.

## **6. Other non-functional requirements**

### **6.1 Performance Requirements**

#### **6.1.1 Speed and Latency Requirements**

1. The data generated should be validated when User or admin provide data to the system.
2. The system should upload the data into the server within 3 second.

#### **6.1.2 Precision or Accuracy Requirements**

1. The system should load the data from the server into the system within 2 second.
2. The system should upload the data into the server within 3 second.

#### **6.1.3 Capacity Requirements**

1. The system should load the data from the server into the system within 2 second.
2. The system should upload the data into the server within 1 second.

## **6.2 Security Requirements**

### **6.2.1 Access Requirements**

1. The system's back -end can only be accessible by authenticated administrators.
2. The system admin can access the system for maintenance purpose.

### **6.2.2 Integrity Requirements**

1. The system use SSL (secured socket layer) to send all information to database.
2. There should be an access boundary for all the users of the system.

### **6.2.3 Privacy Requirements**

1. The system will not leave any cookies on the customer's computer containing the user's credentials.
2. The system should not show the user data publicly.

## **7. Preliminary Schedule**

The system should be designed within 6 months.

## Analysis Models:

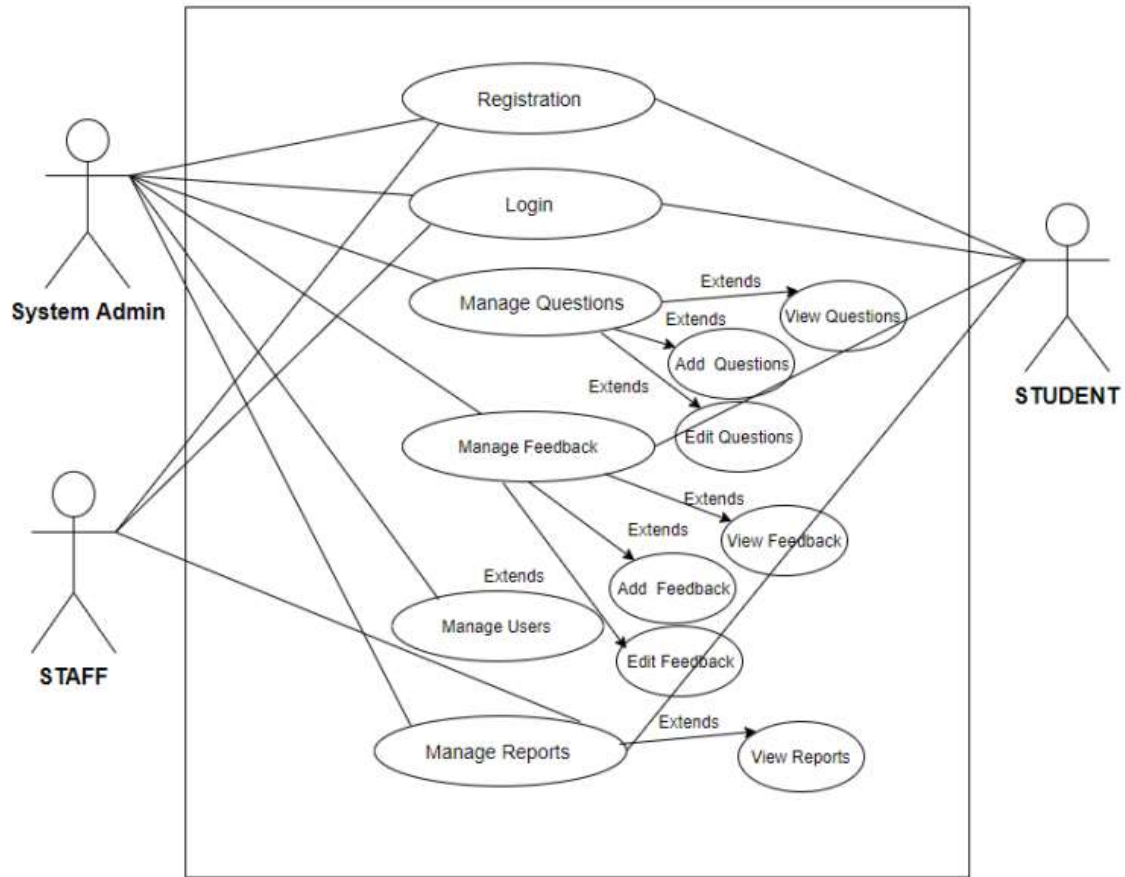


Figure 1 Use Case Diagram