



# **SYNOPSIS for the Academic FeedBack System**

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### **1.TITLE OF THE PROJECT:**

“Academic Feedback System”.

## **2.INTRODUCTION :**

The Academic Feedback System is designed to streamline and enhance the process of collecting and analyzing feedback from students regarding academic courses, faculty, and overall college experience. The system will enable administrators to manage feedback efficiently, facilitate faculty evaluations, and promote continuous improvement in educational quality. It will provide a user-friendly interface for students to submit their feedback and for faculty and administrators to analyze the feedback for actionable insights.

## **3. PURPOSE:**

The primary purpose of the Academic Feedback System is to provide a structured and automated approach to gather, process, and analyze feedback from students about their academic experiences. This will help in identifying strengths and areas for improvement in the curriculum, teaching methods, and other academic services.

## **4. OBJECTIVE:**

- To automate the feedback collection process for academic evaluations.
- To provide a secure and efficient system for managing feedback data.
- To generate comprehensive reports and analytics for faculty and administrators.
- To enable continuous improvement in teaching methods and curriculum design based on student feedback.

## **5. HARDWARE AND SOFTWARE:**

- **Software Configuration:**
  - Platform: Visual Studio 2022
  - Technology: HTML, CSS, Bootstrap for Front-end; ASP.NET Core MVC, MySQL Server for Back-end and Data Storage.

- **Hardware Configuration:**
  - Processor: Intel Core i3 or above
  - RAM: 8 GB or above

## **6.FUNCTIONALITY:**

### **1.Admin Module:**

- Manage user details (students, faculty, and administrators).
- Assign roles and permissions.
- View and analyze feedback reports.
- Generate and manage audit trails.

### **2.Student Module:**

- Register and log in to the system.
- Provide feedback on courses, faculty, and college services.
- View submitted feedback and response status.

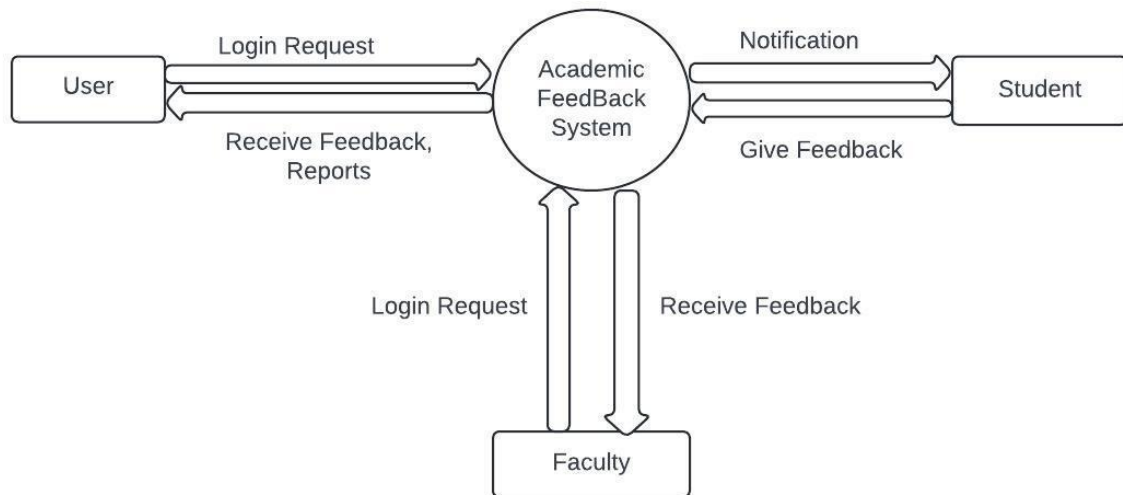
### **3.Faculty Module:**

- View feedback received.
- Analyze feedback for self-improvement.
- Respond to feedback if required.

### **4.Audit Trail:**

- Track all system activities, including feedback submission, updates, and data access.
- Ensure data integrity and accountability.

## 7.Context Level Data Flow Diagram



[Fig : Context Level Data Flow Diagram]

## 8.ER Diagram:

[Fig : ER Diagram]

## 9.Data Dictionary

### 1.USER:

Sr.no	Field Name	Datatype	Length	Constrains	Description
1	U_id	Int	10	PK	Auto-generated User ID
2	U_name	Varchar	50	NOT NULL	Name of the Admin
3	U_pwd	Vrchar	50	NOT NULL	Password of the Admin

### 2.Student:

Sr.No	Field Name	Data Type	Length	Constraints	Description
1	S_id	Int	10	PK	Auto-generated Student ID
2	S_regno	Int	20	NOT NULL	Registration number of the student.
3	S_sem	Int	10	NOT NULL	Semester of the student.
4	S_name	Varchar	50	NOT NULL	Name of the student.
5	S_gender	Varchar	50	NOT NULL	Gender of the student.
6	S_email	Varchar	50	NOT NULL	Email address of the student.
7	S_contact	Varchar	30	NOT NULL	Contact number of the student.
8	College_id	Int	10	FK	College identifier where the student is enrolled.
9	S_pwd	Varchar	30	NOT NULL	Password for the student's login.

### 3. Faculty:

Sr.no	Field Name	Datatype	Length	Constrains	Description
1	F_id	Int	10	PK	Auto-

					generated Faculty Id
2	F_name	Varchar	50	NOT NULL	Name of the faculty member.
3	F_email	Varchar	50	NOT NULL	Email address of the faculty member.
4	F_mobile	Varchar	20	NOT NULL	Mobile number of the faculty member.
5	Dept_id	Int	10	FK	Department Id to which the faculty belongs.
6	College_id	Int	10	FK	College Id where the faculty is employed.
7	Designation	Varchar	30	NOT NULL	Designation or job title of the faculty member.
8	F_username	Varchar	30	NOT NULL	Username for the faculty's login.
9	F_pwd	Varchar	30	NOT NULL	Password for the faculty's login.

#### 4. College :

Sr.no	Field Name	Datatype	Length	Constrains	Description
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1	College_id	Int	10	Pk	Auto-generated College Id
2	College_name	Varchar	30	NOT NULL	Name of the college.

### 5. Department :

Sr.no	Field Name	Datatype	Length	Constrains	Description
1	Dept_id	Int	10	PK	Auto-generated Department Id
2	Dept_name	Varchar	30	NOT NULL	Name of the department.
3	College_id	Int	10	FK	College identifier to which the department belongs.

### 6. Feedback :

Sr.no	Field Name	Datatype	Length	Constrains	Description

### 7. Audit Trail :

Sr.no	Field Name	Datatype	Length	Constrains	Description
1	Id	Int	10	PK	Auto-generated Audit Trail Id



2	Login_Id	Int	10	NOT NULL	Login Id of the user performing the action.
3	Date	Varchar		NOT NULL	Date when the action was performed.
4	Time In	Varchar		NOT NULL	Time when the user logged in.
5	Time Out	Varchar		NOT NULL	Time when the user logged out.