PROJECT

STUDENT FEEDBACK SYSTEM

Group members

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### ****Overview****

A **modern JavaFX-based desktop application** that allows students to submit feedback about courses and teachers, while faculty and admins can view and analyze feedback reports.

### ****Key Features****

✔ **User Roles** (Student, Teacher, Admin) with different dashboards  
✔ **Secure Login** with password authentication  
✔ **Feedback Submission** with ratings (1-5) and comments  
✔ **Responsive GUI** with a web-like attractive interface  
✔ **Database Integration** (MySQL) for storing users and feedback  
✔ **OOP Principles** (Encapsulation, Inheritance, Polymorphism, Abstraction)

### ****Tech Stack****

**Frontend**: JavaFX (for modern UI components)

**Backend**: Java (JDBC for database connectivity)

**Database**: MySQL (stores user accounts and feedback)

**Security**: Password hashing (basic implementation

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# Chapter No 1

## INTRODUCTION

# ****Student Feedback System - General Components****

### ****1. User Roles****

**Students** – Submit feedback on courses/teachers.

**Teachers/Faculty** – View feedback reports

**Admin** – Manages users & system settings

### ****2. Core Features****

**Authentication** (Login/Signup for students & faculty).

**Feedback Submission Form** (Ratings + Comments).

**Dashboard** (View feedback analytics for teachers/admins).

**Admin Panel** (User management, feedback moderation).

### ****3. Technical Requirements****

**Frontend**: React (Vite) for responsive UI.

**Backend**: Node.js + Express for API handling.

**Database**: Stores user accounts & feedback data.

**Security**: JWT authentication, input validation.

### ****4. Optional Enhancements****

Email notifications (feedback submission/updates).

Charts/Graphs for feedback visualization.

Anonymous feedback option.

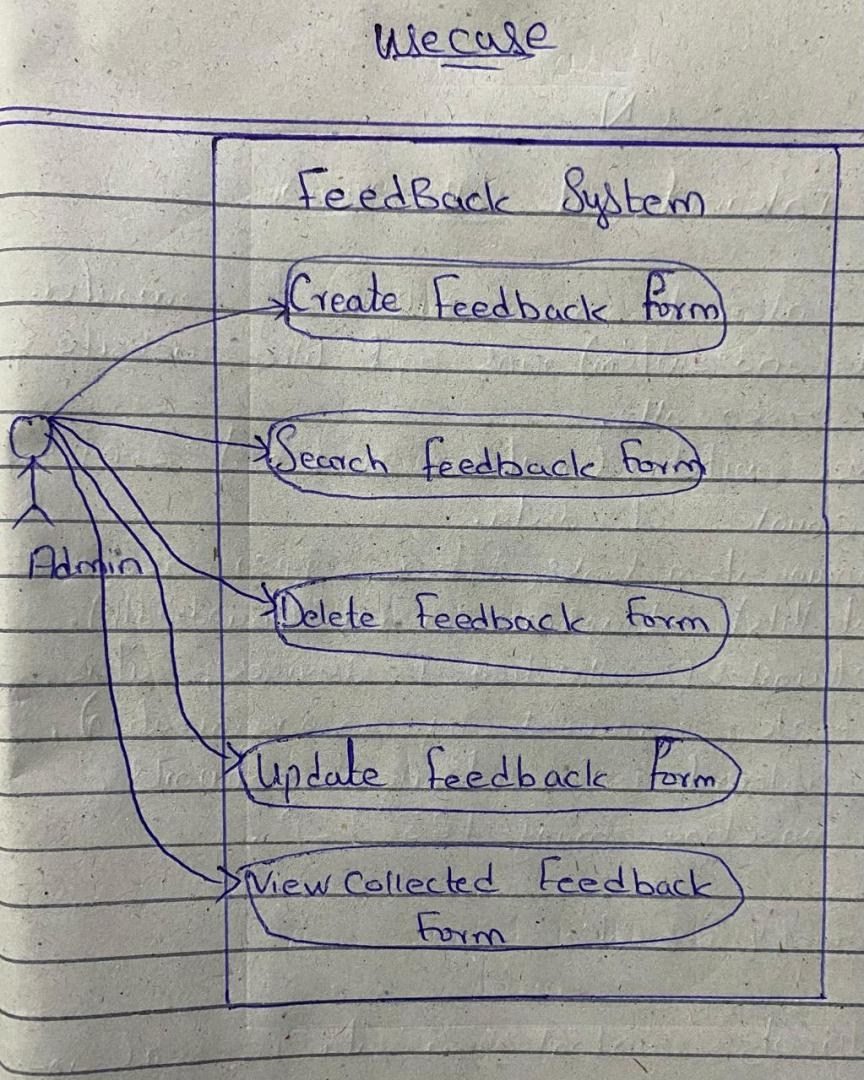
This system automates feedback collection and analysis for educational institutions

# Chapter 2

## Usecase

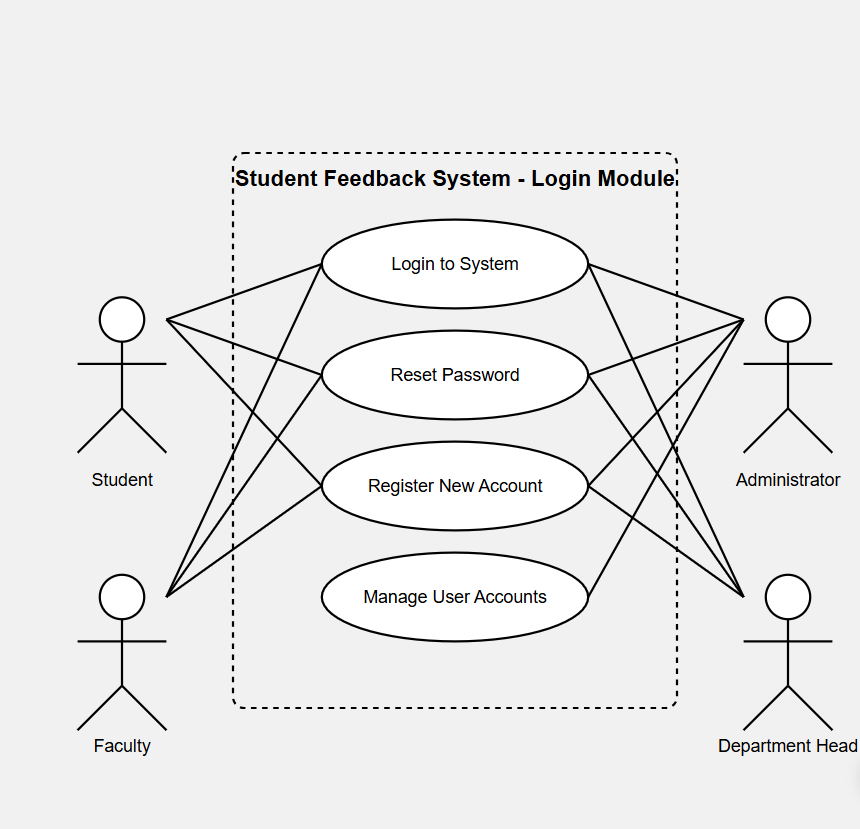
### Fahad sp23-bse-063

Feedback form



### Mustafa Sp23bse-067

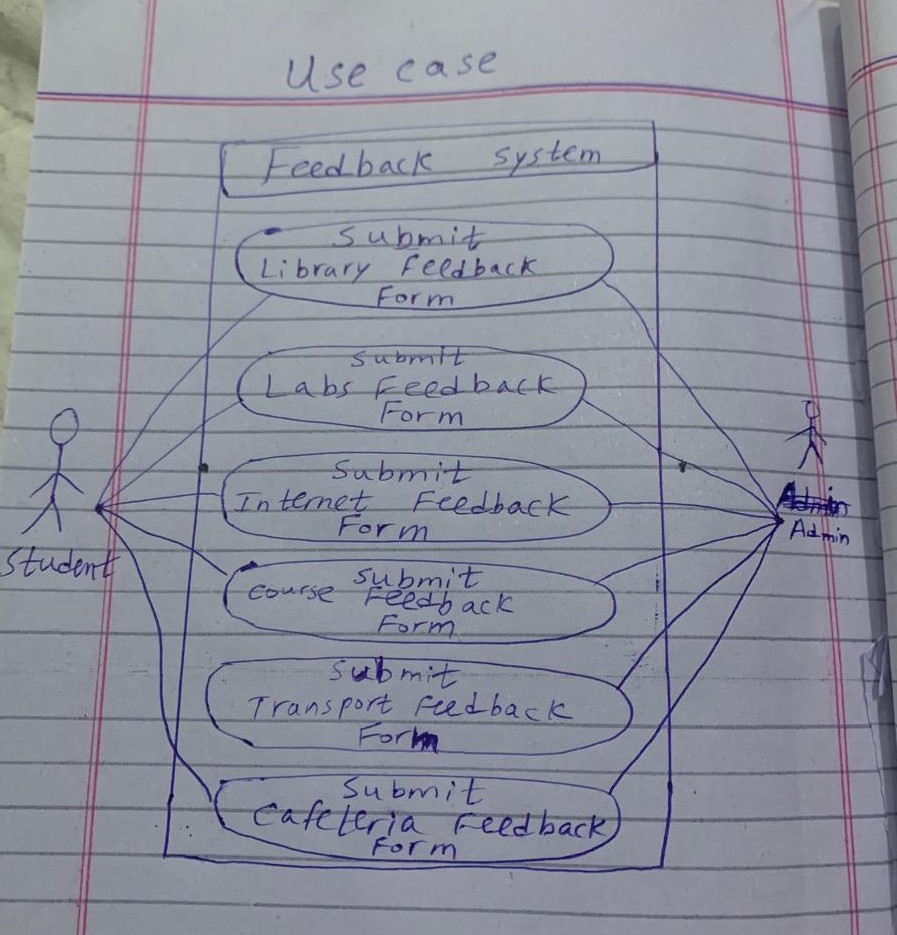
Login



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### Ahmad sp23-bse-59

Submit course feedback

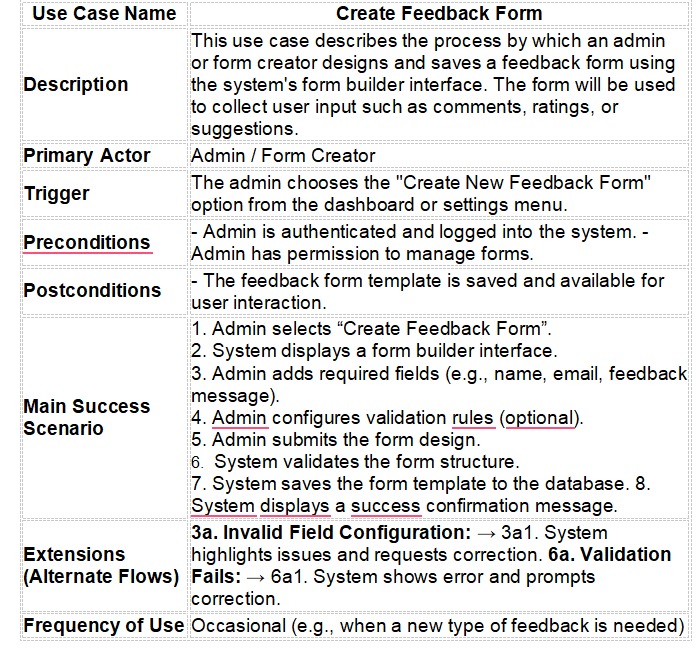


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# Chapter 3

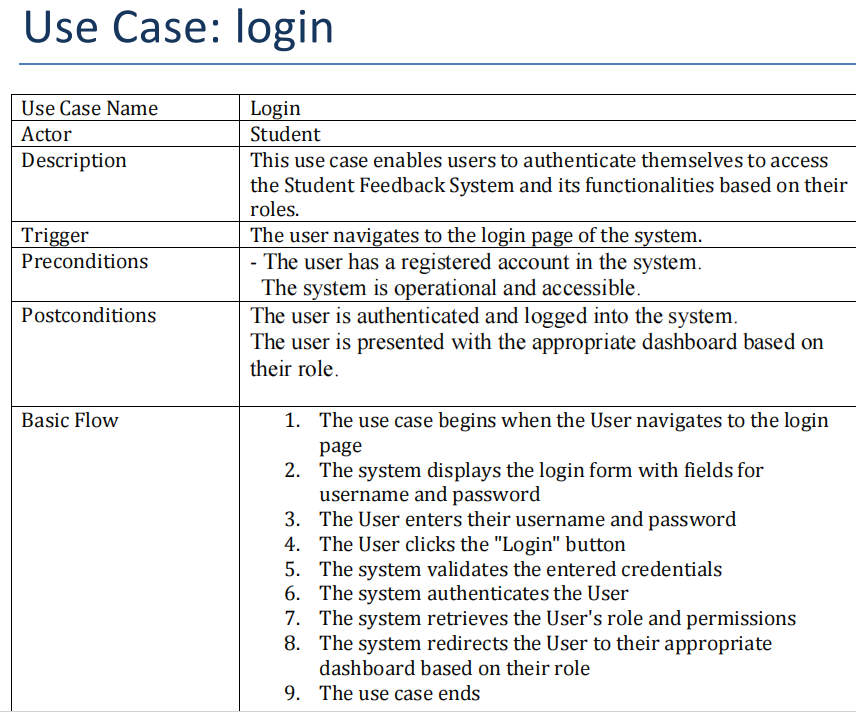
## Fully addressed

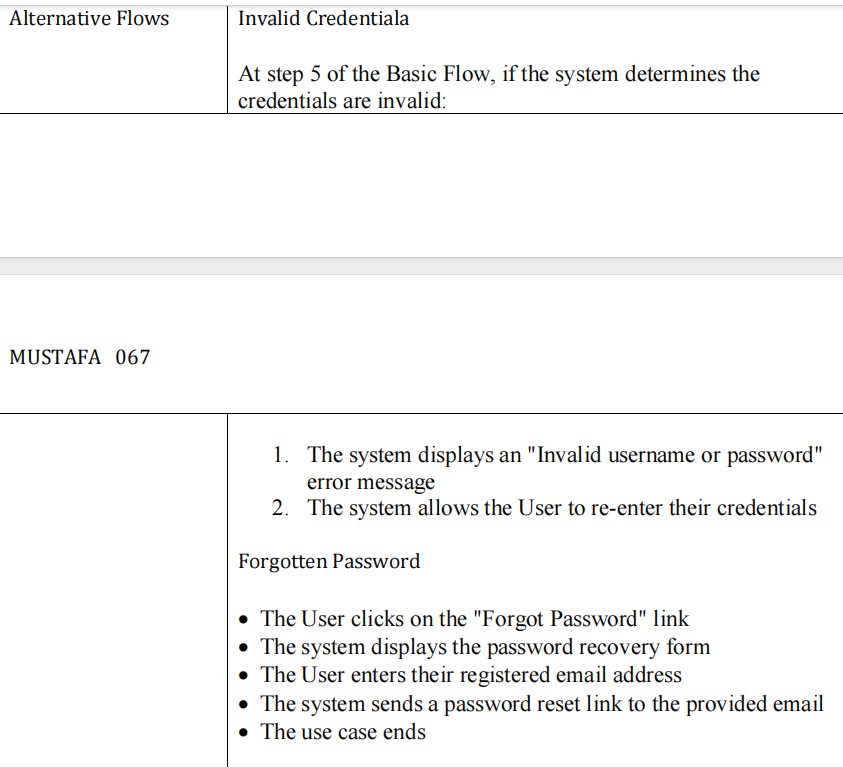
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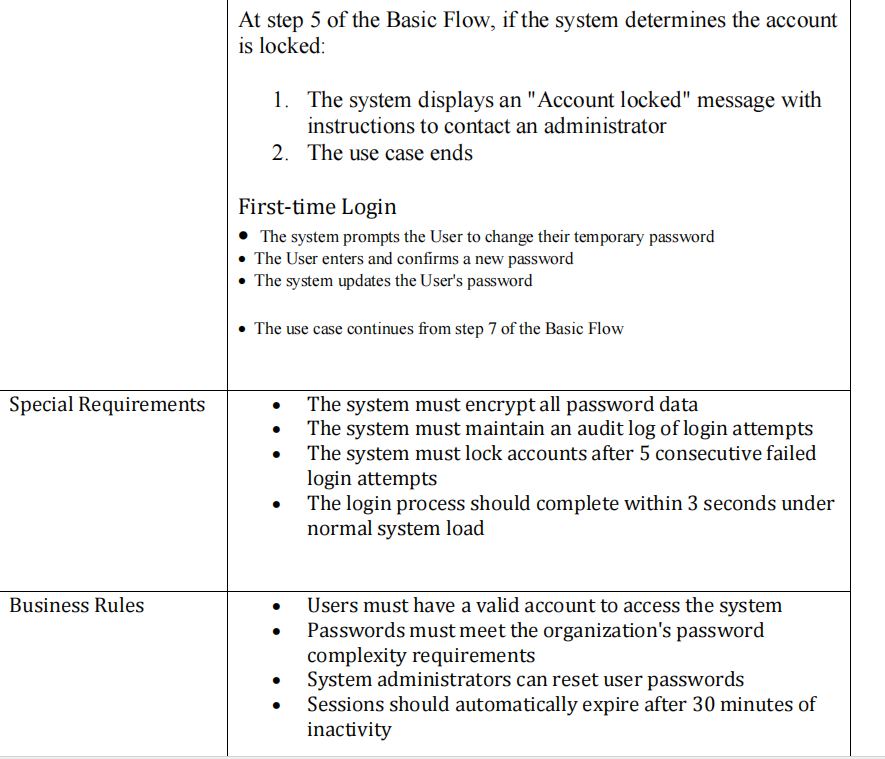


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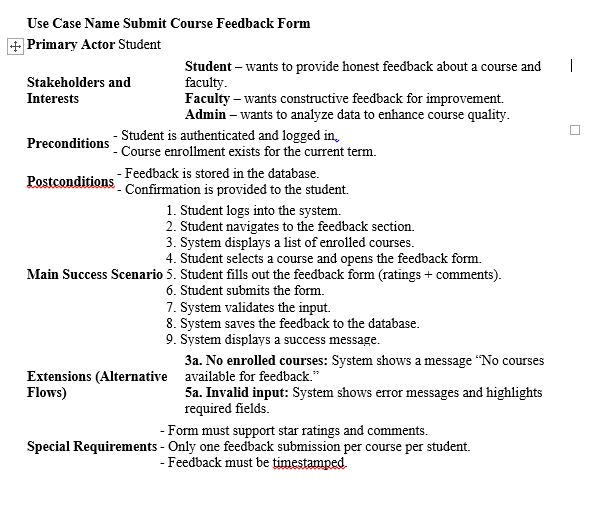
### Mustafa kamal sp23-bse-067







### Ahmad sp23-bse-059

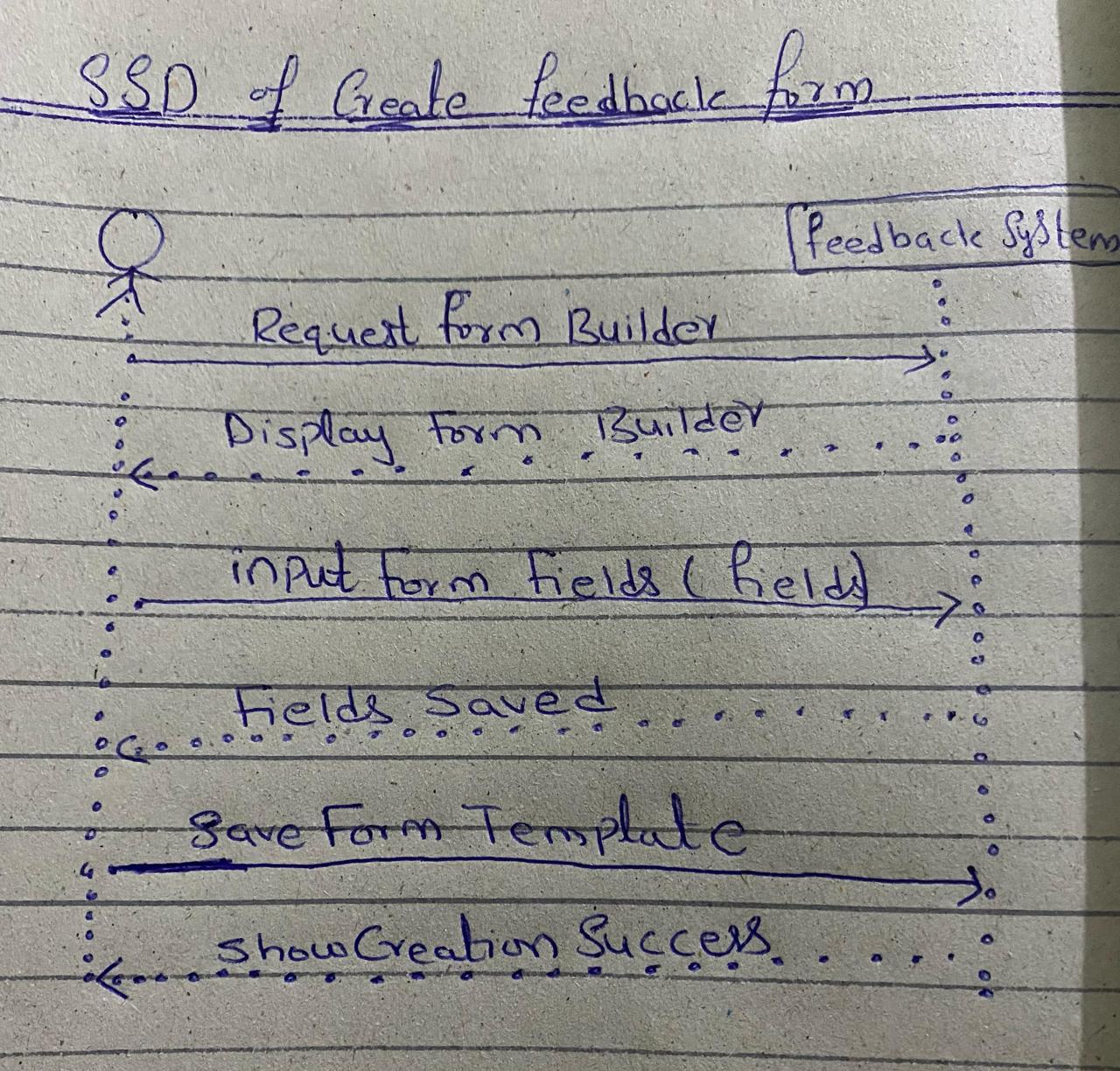


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# Chapter 3

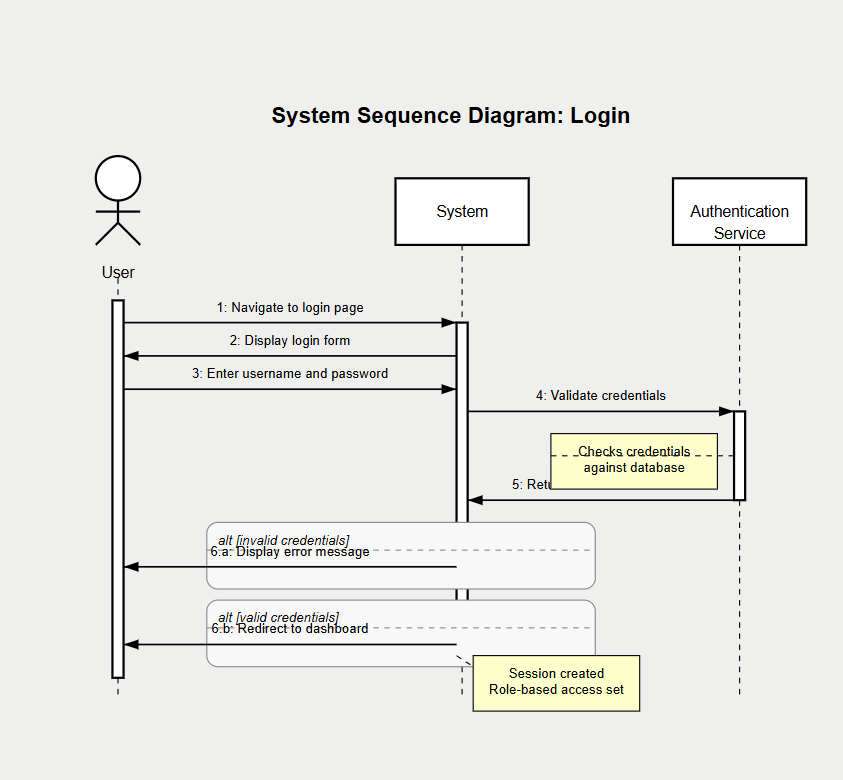
## SSD

### Fahad sp23-bse-063



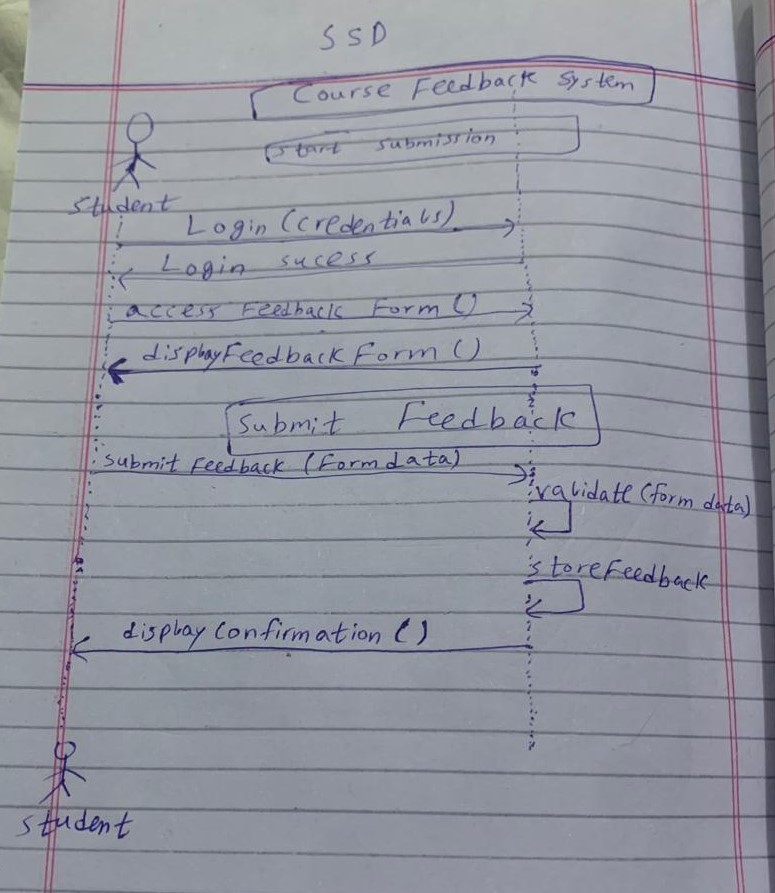
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### Mustafa sp23-bse-067



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### Ahmad sp23-bse-059

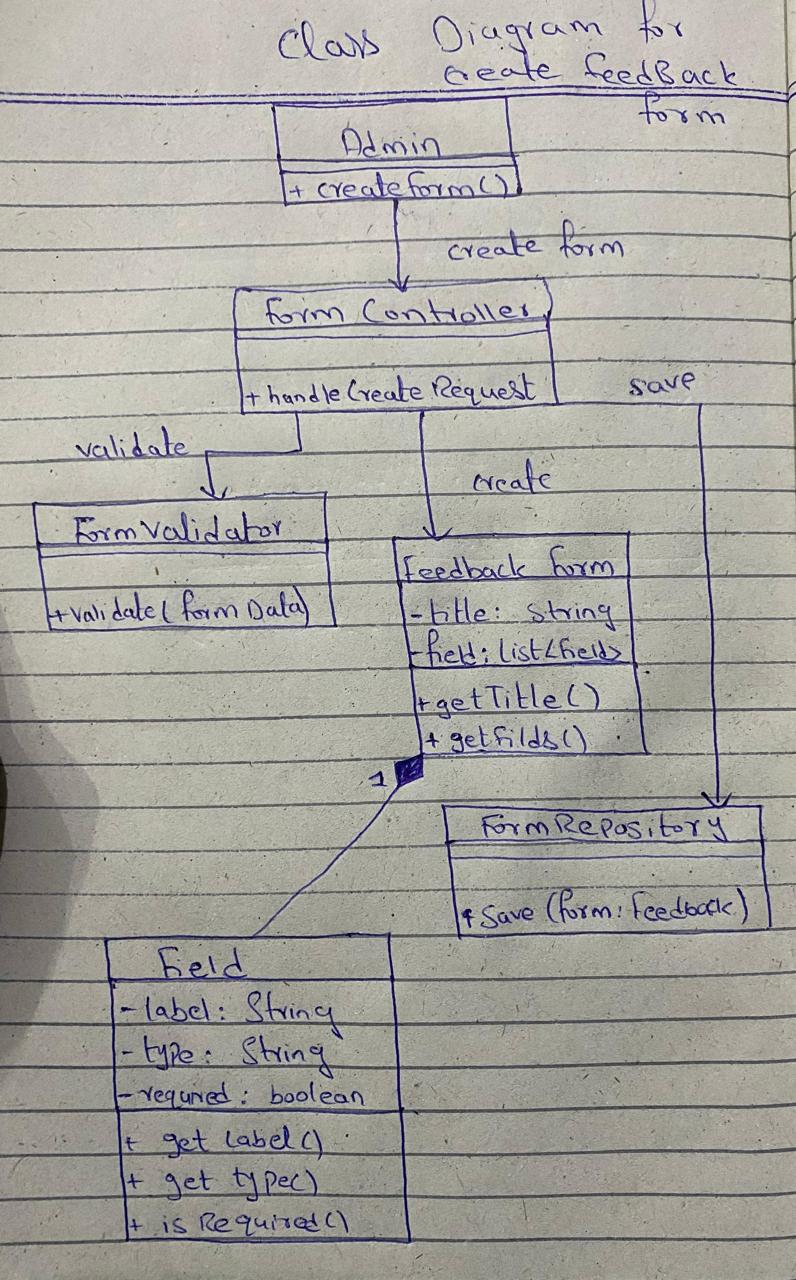


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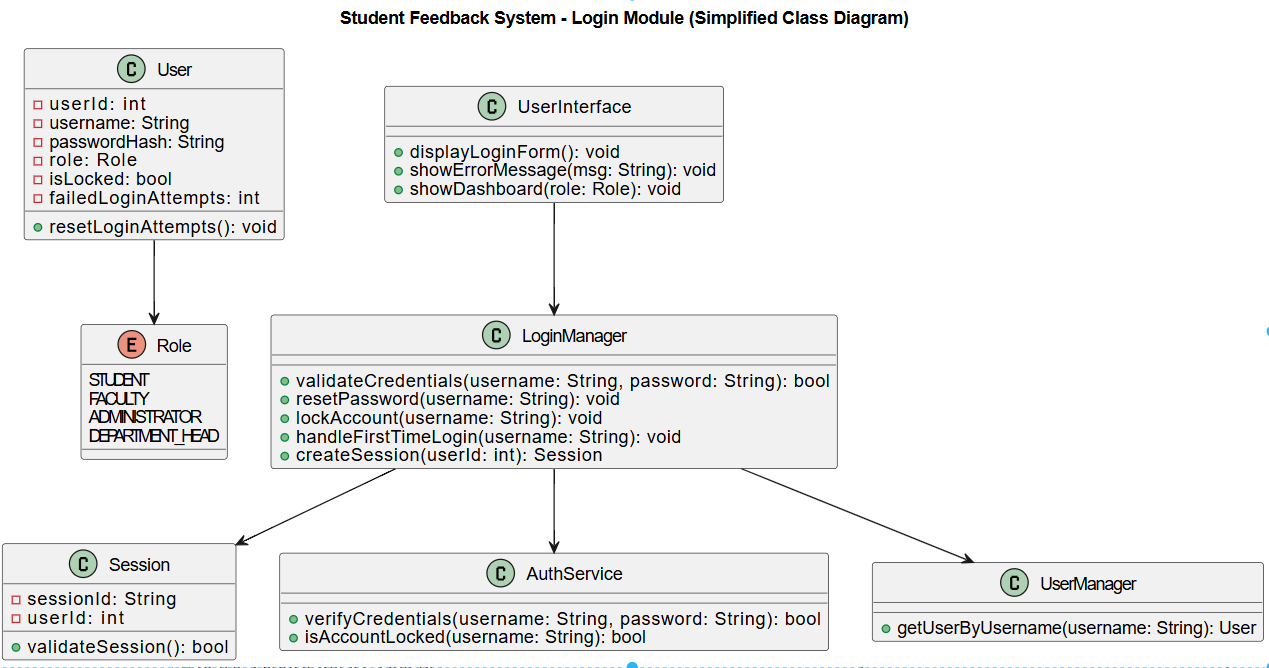
# Chapter 4

## Class diagram

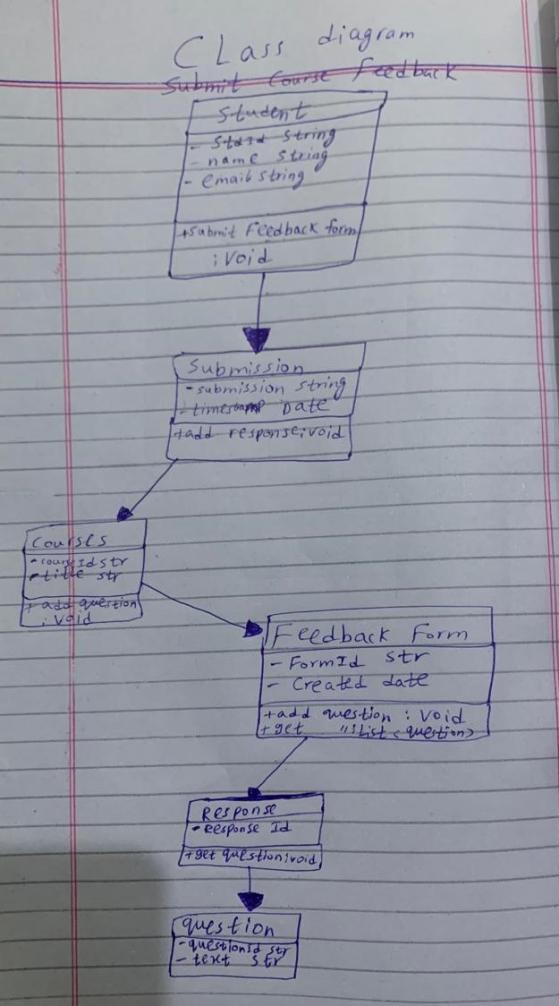
### Fahad sp23-bse-063



### MUSTAFA SP23-BSE-067



### AHMAD SP23-BSE-059

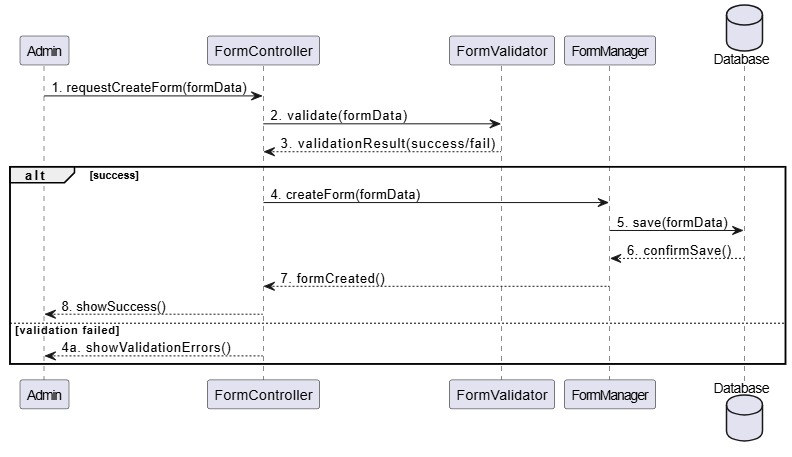


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# Chapter 5

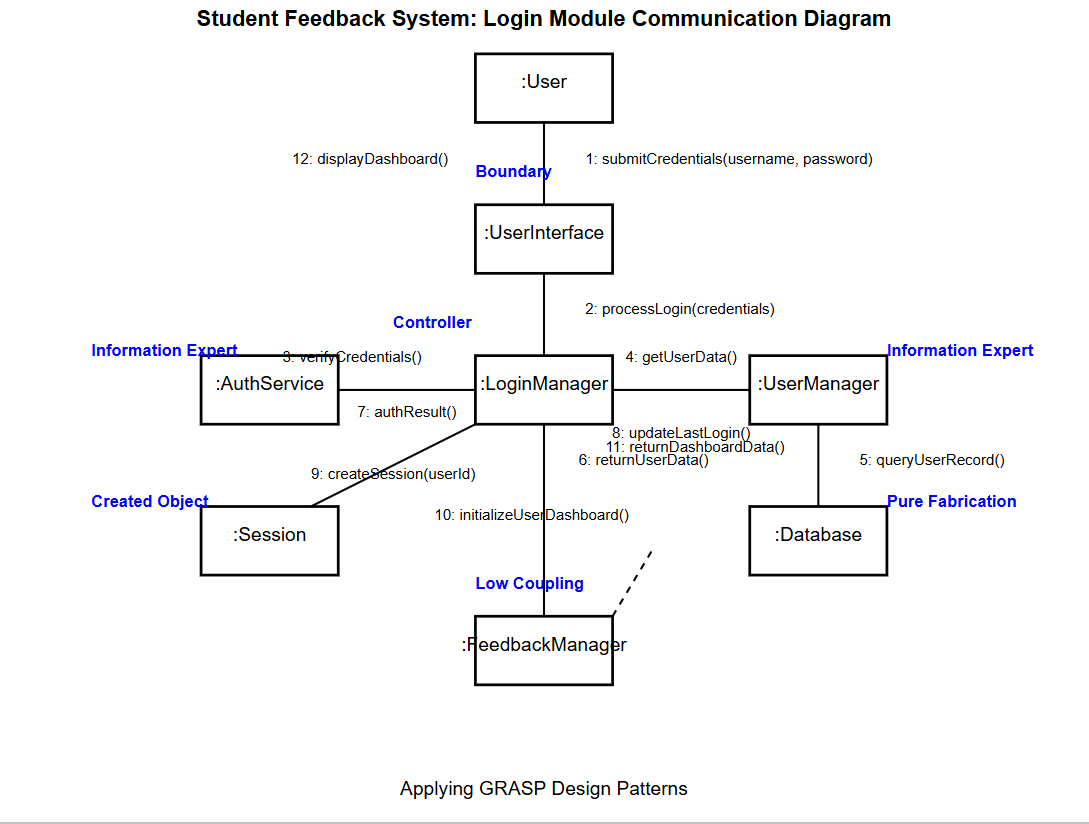
## Communication diagram

### FAHAD SP23-BSE063



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### Mustafa sp23-bse-067



### AHMAD SP23-BSE-059

