

DIGITAL EDUCATIONAL PLATFORM

Languages and Technologies Used:

- * JAVA

- * JAVA SWING

This is a digital educational platform (Similar to Coursera) where students and professors can register for educational purposes. Professor can post their courses and students can take those courses.

As a Student

- Can register and login
- Can browse courses
- Can manage student profile
- Can update and save profile
- can register, view, remove courses during registration
- can request to generate transcript
- can view registered course from course list, course completion status
- can rate professor

As a Professor

- Can register and login
- Can manage, update and save their profile
- can schedule semester
- can add a new course
- can remove an existing course
- can manage student
- Can update student course completion status

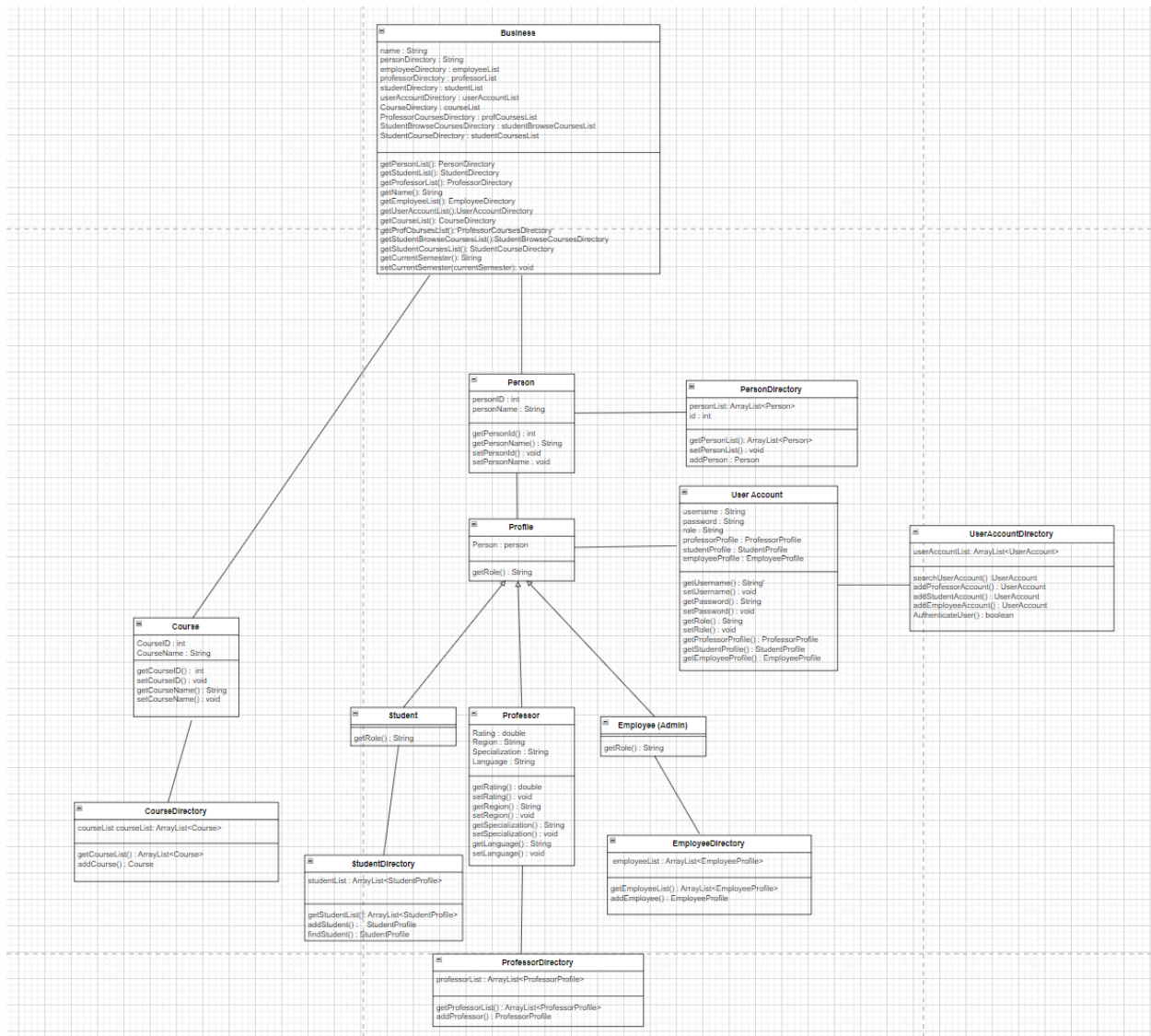
As an Admin

- Can register and login
- Can manage semester
- Can generate student transcript

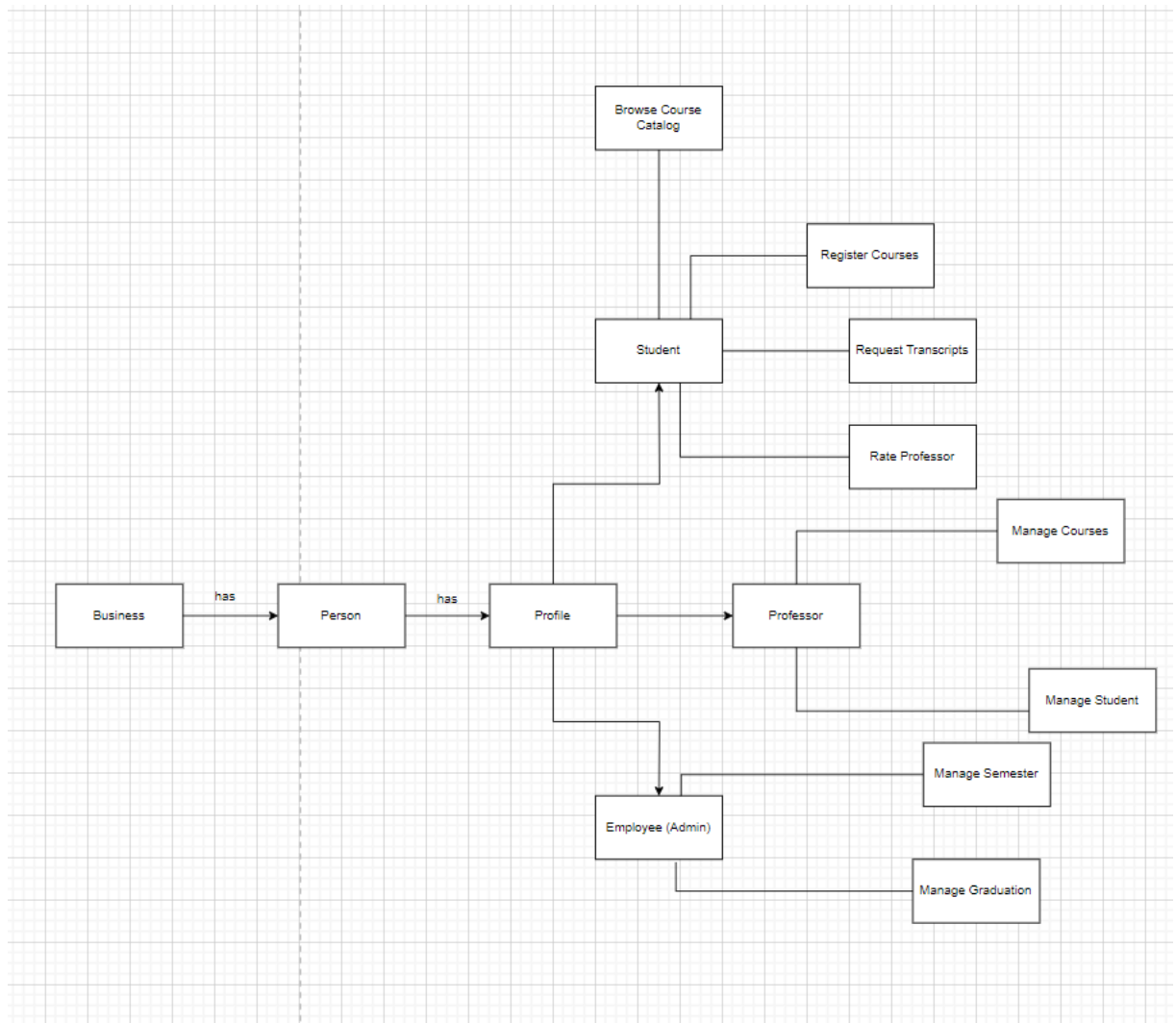
Functions Of the Application

- Students and professors can register and login on the online platform.
- Professors add their courses in their respective course offerings and schedule their courses semester wise.
- Student can refer and select courses from the course catalog.
- Students refer course catalog and choose courses from there.
- On completion and fulfilling the academical requirement of the platform they can request for transcript generation.
- After the completion of the course, students can rate the professor
- The graduation committee/admin checks and generates the transcripts accordingly.

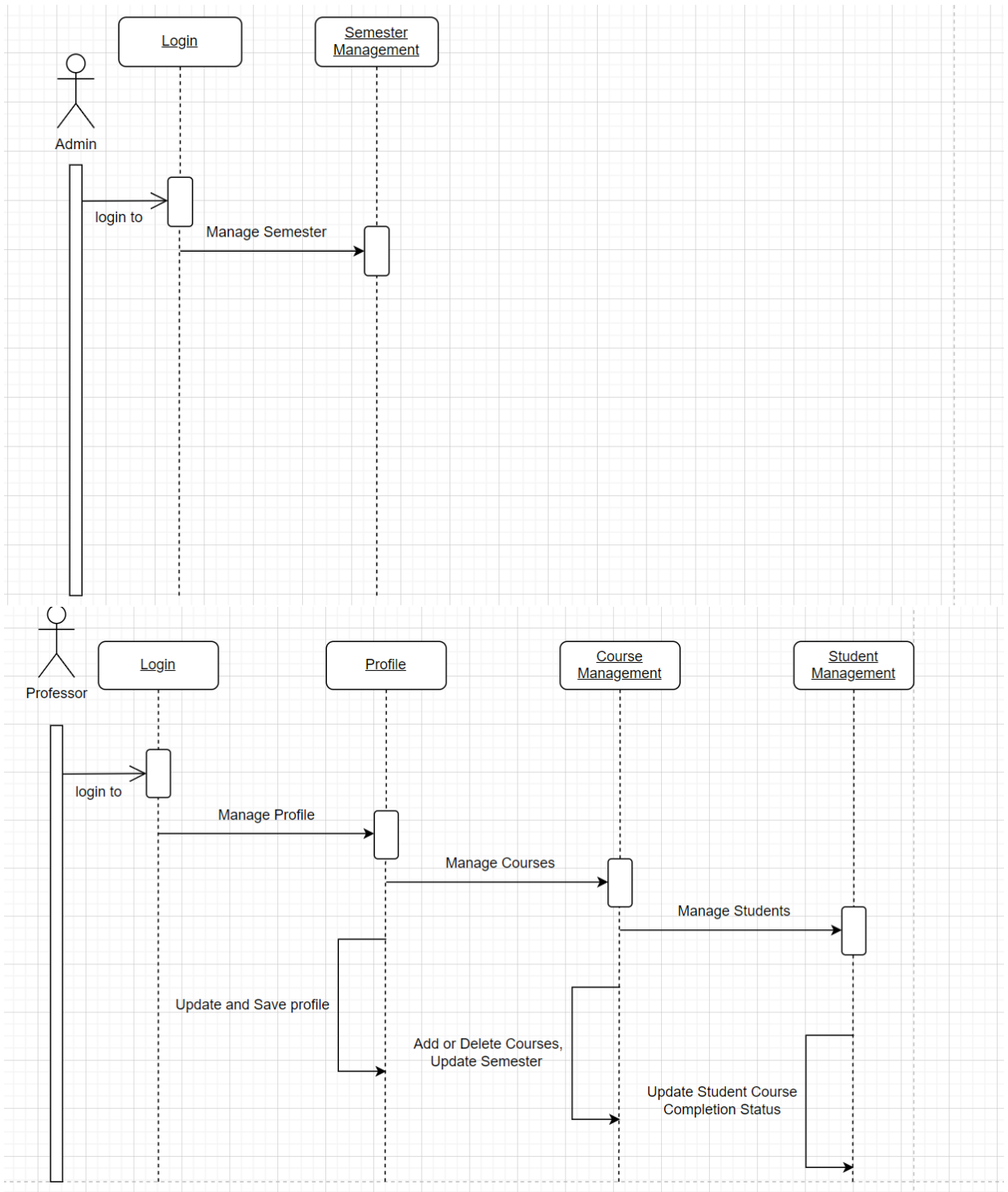
CLASS DIAGRAM

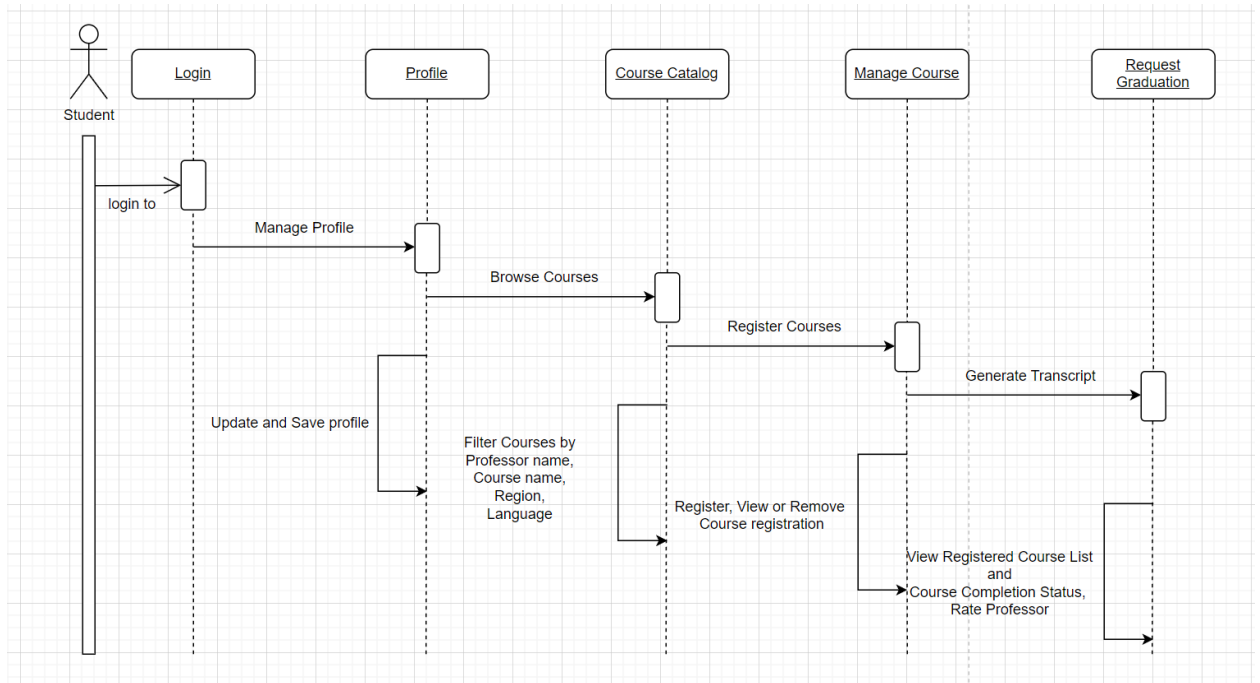


ARCHITECTURE DIAGRAM :I

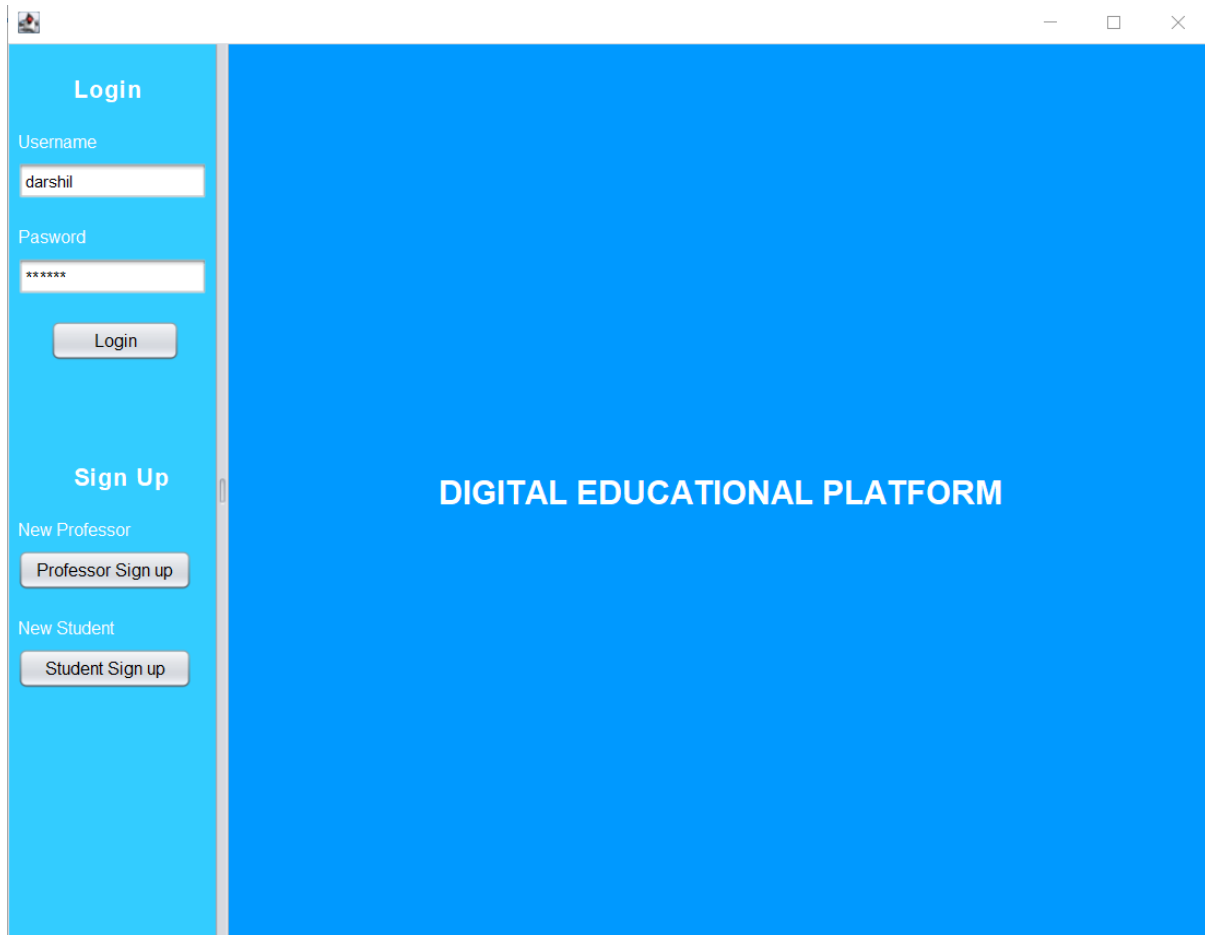


UML DIAGRAMS :





USER INTERFACE SCREEN-SHOTS :



The screenshot displays a web application window titled "Digital Educational Platform". The interface is divided into two main sections: a light blue sidebar on the left and a large blue main area on the right.

Left Sidebar (Light Blue):

- Login Section:**
 - Label: "Login"
 - Username field: Contains "darshil"
 - Pasword field: Contains "*****"
 - Login button: A grey button labeled "Login"
- Sign Up Section:**
 - Label: "Sign Up"
 - New Professor section:
 - Professor Sign up button: A grey button labeled "Professor Sign up"
 - New Student section:
 - Student Sign up button: A grey button labeled "Student Sign up"

Main Area (Blue):

- Text: "DIGITAL EDUCATIONAL PLATFORM" (centered in white capital letters)

Login

Username

darshil

Pasword

Login

Sign Up

New Professor

Professor Sign up

New Student

Student Sign up

Professor WorkArea

My Profile

Manage Courses

Manage Student



Login

Username

darshil

Pasword

Login

Sign Up

New Professor

Professor Sign up

New Student

Student Sign up

<< Back

Professor Profile

Professor Name

Darshil Shah

Professor ID

1

Username

darshil

Password

dar123

Rating

0.0

Specialization

INFO

Region

America

Language

English

Save

Update

[illegible]

Login

Username

anu

Pasword

Login

Sign Up

New Professor

Professor Sign up

New Student

Student Sign up

Student Portal

My Profile

My Courses

Coursework

Login

Username

anu

Pasword

**

Login

Sign Up

New Professor

Professor Sign up

New Student

Student Sign up

<< Back

Student Coursework

Course ID	Course Name	Professor Name	Course Completion Status
-----------	-------------	----------------	--------------------------

Show Transcripts

Rating

1.0

Save

Login

Username

Admin

Pasword

Login

Sign Up

New Professor

Professor Sign up

New Student

Student Sign up

Admin WorkArea

Manage Semester

Username

Admin

Pasword

Login

Sign Up

New Professor

Professor Sign up

New Student

Student Sign up

<< Back

Manage Semeseter

Current Semester

Spring 2024

Save