



# **Progress Presentation**

# **ATHENA**

**CSE 4408**

**SYSTEM ANALYSIS AND DESIGN LAB**



# TEAM REINHARDT

ZANNATUL SAMARUKH

200041139

TANVIR HOSSAIN DIHAN

200041144

SHAJEED HOSSAIN

200041142

# OUTLINE



**01. OVERVIEW**

---

**02. TECHNOLOGIES**

---

**03. FEATURES**

---

**04. WORKING UPDATE**

---

**05. PROJECT DEMONSTRATION**

# PROJECT ATHENA

## OVERVIEW

- Cross platform desktop application
- Specialized for universities
- Integrates necessary tools for students and teachers
- A presentation of continuous academic progress
- Teacher-student interactive platform

# Technology Used

## JavaFx

Java framework for  
maintaining the project.

## Scene Builder

Dropdown UI building tools

## PostgreSQL

Database for backend data  
store

## Git

For collaborating and  
controlling the project.

# Features



Authentication for individuals

Academic Progress

Attendance Taking System

Result Processing System

Virtual Workspace

Notifications

# Working Update

## Work Done

- Basic UI for maintaining workflow (We will upgrade to a better one)
- Database design and table creation for users
- Login feature for both students and teachers
- Course registration function for students

# Working Update

## On Going...

- Course registration function for Teachers
- Attendance Taking System
- Result Processing System



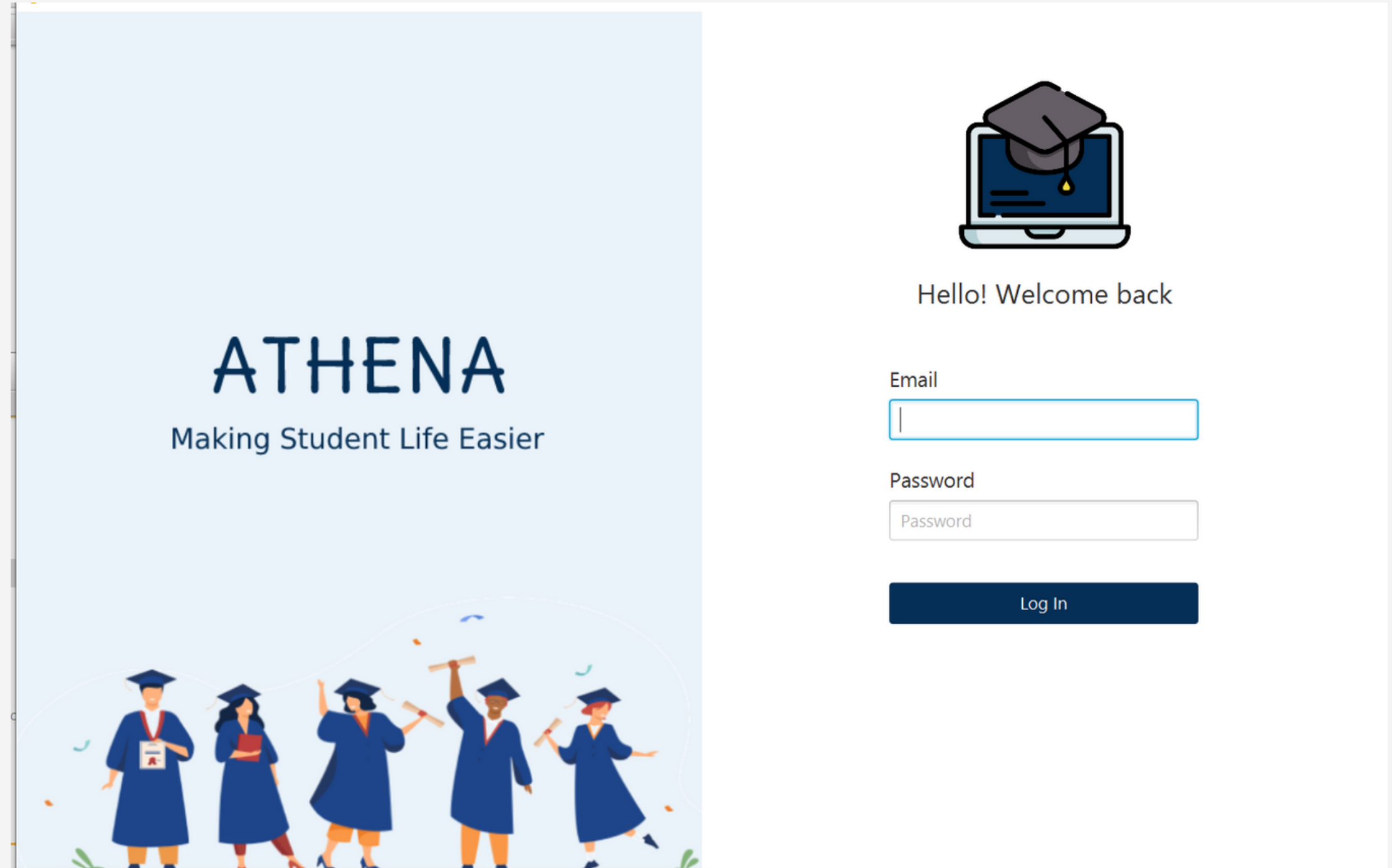
# Working Update

## Pending

- Virtual workspace
- Notification system

# Demo

## Login Page



The image shows a login page for a system named 'ATHENA'. The page is split into two main sections. The left section has a light blue background and features the text 'ATHENA' in a large, dark blue, sans-serif font, with the tagline 'Making Student Life Easier' below it. At the bottom of this section is an illustration of five graduates in blue gowns and caps, some holding diplomas and others throwing confetti. The right section has a white background. It starts with an icon of a laptop with a graduation cap on top. Below the icon is the text 'Hello! Welcome back'. This is followed by two input fields: one for 'Email' and one for 'Password'. The 'Email' field is outlined in blue, and the 'Password' field is outlined in grey. Below these fields is a dark blue button with the text 'Log In' in white.

ATHENA

Making Student Life Easier

Hello! Welcome back

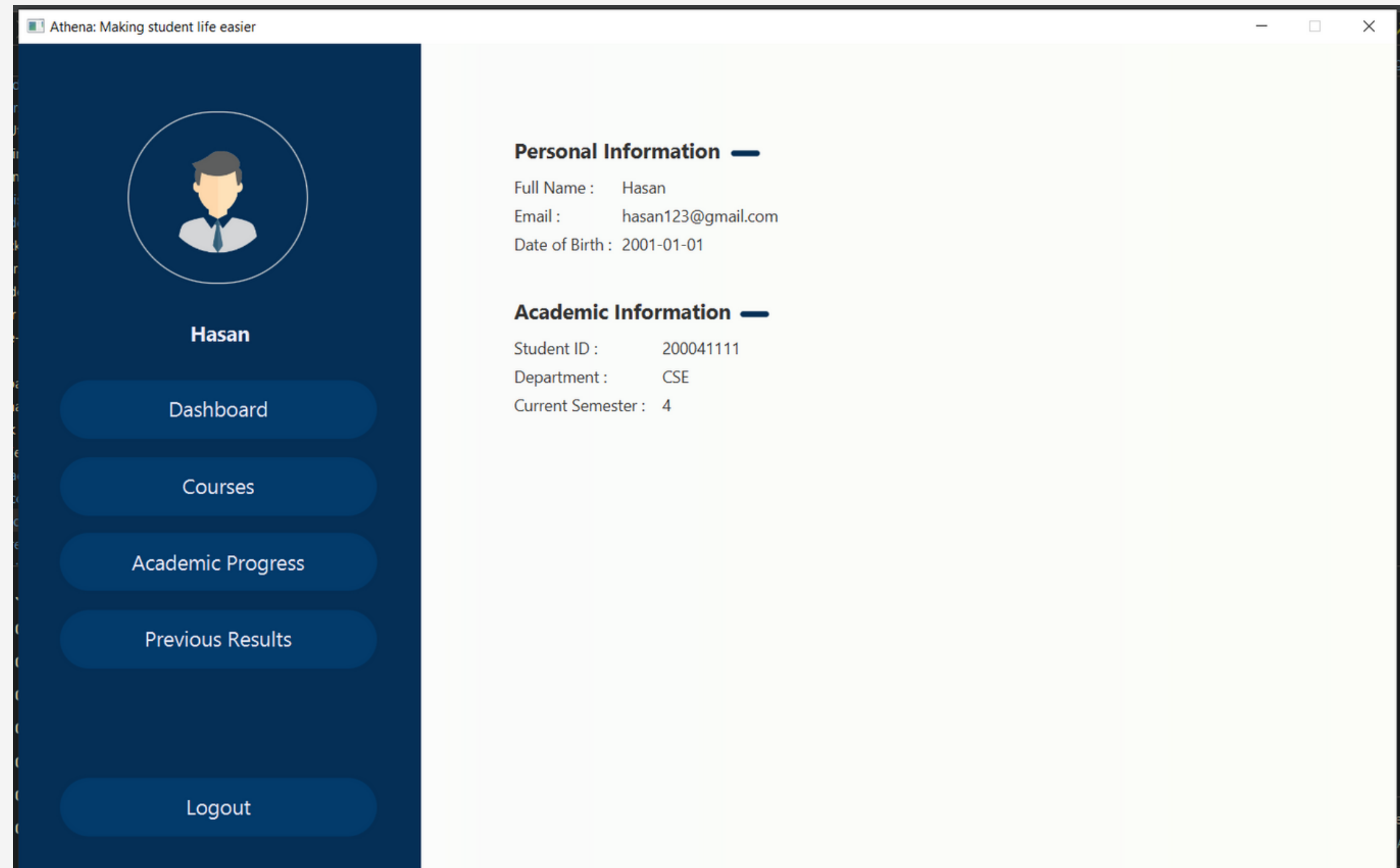
Email

Password

Log In


# Demo

## Basic Dashboard



# Demo

## Course Registration



**Hasan**

Dashboard

Courses

Academic Progress

Previous Results

Logout

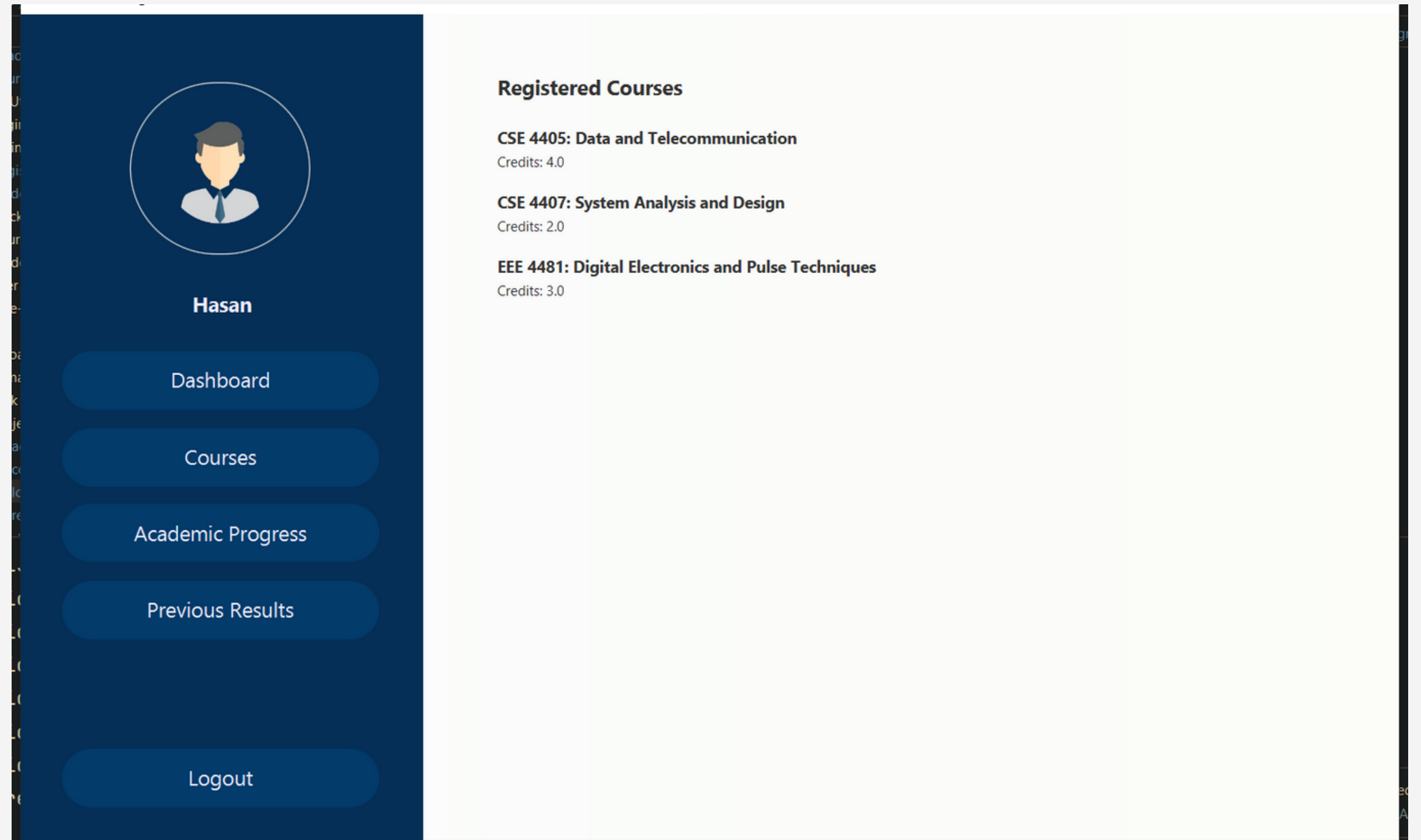
### Course Registration —

- ☐ CSE 4403: Algorithm
- ☐ CSE 4405: Data and Telecommunication
- ☐ CSE 4407: System Analysis and Design
- ☐ MATH 4441: Probability
- ☐ EEE 4481: Digital Electronics and Pulse Techniques
- ☐ HUM 4441: Engineering Ethics

Register Course


# Demo

## Registered Course page



# Demo

## Course Progress



Hasan

Dashboard

Courses

Academic Progress

Previous Results

Logout

Couse Code	Attendance	Quiz 1	Quiz 2	Mid	Quiz 3	Quiz 4	Final	Progress	Grade
No content in table									

**Thank You**