**CMPS 350 Project Phase 1 – Report**

**Education Platform**

**(10% of the course grade)**

**The report must be submitted in Word format only**

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| **Group Members** | Hateim Elagha (202104575)  Ahmad Almashhadani (202203014)  Student3 full name (StudentId)  **Emails:** [ha2104575@student.qu.edu.qa](mailto:ha2104575@student.qu.edu.qa); [aa2203014@student.qu.edu.qa](mailto:aa2203014@student.qu.edu.qa) ; student3@student.qu.edu.qa; |
| **GitHub link** | Give a public link to you code (It is not acceptable to send codes by email) |

**Grades :**

**The student fills only the “Implementation Percentage”: Please specify either: *Working (completed x%)*, *Not Working (completed x%)* or *Not done*.**

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| --- | --- | --- | --- | --- |
| **Criteria** | **Points** | **Implementation Percentage** | **Implementation Quality** | **Your Grade** |
| Design and implement the app Web UI and navigation using HTML, CSS and JavaScript. Including designing the App Web UI and navigation. | 50 | Working (completed 100%) |  |  |
| Design and implement the Web API and data access repositories to read/write the app data JSON files. | 30 | Working (completed 100%) |  |  |
| Application modeling (e.g. UML diagrams) to explain the data entities and the functionalities | 5 | Working (completed 100%) |  |  |
| Testing documentation using screen shots illustrating the testing results. | 5 | Working (completed 100%) |  |  |
| Team work quality. Contributions of team members - All members should collaborate and contribute equally to the project. | 5 | Working (completed 100%) |  |  |
| Project report – description of the implemented app, what is implemented, what is missed .. | 5 | Working (completed 100%) |  |  |
| **Total** | 100 |  |  |  |
| **Plagiarism, outsourcing, free riders** | -100 |  |  |  |
| **Delivery behind the deadline** | -5 |  |  |  |

**Important remark: In case of copying and/or plagiarism or not being able to explain or answer questions about the implementation, you lose the whole grade.**

**\* Criteria for grading the functionality:**

- The functionality is working: you get 70% of the assigned grade.

- The functionality is not working: you lose 40% of assigned grade.

- The functionality is not implemented: you get 0.

- The remaining grade in all cases from above **is assigned to the quality of the implementation**,

- The grades are distributed on the various use cases, when the design/implementation is partial, you get only the grades of designed/implemented use cases.

Code quality criteria, include:

- Use of meaningful identifiers for variables and functions (e.g. using JavaScript naming conventions)

- Pages are responsive

- Clean code: simple and concise code, no redundancy

- Clean implementation without unnecessary files/code

- Use of comments where necessary

- Proper code formatting and indentation.

**You lose marks** for code duplication, poor/inefficient coding practices, poor naming of identifiers, unclean/untidy submission, and unnecessary complex/poor user interface design.

**Important Remark**:

**[Grades: 100-85]:** Will be given only to **fully functional application** with **all the quality criteria cited above met** and the project has excellent **design for the various functionalities**. **The report is professional**.

**[Grades: 85-80]:** Will be given only **to functional application** **with most of all the quality criteria cited above met** and the project has good design for the various functionalities. **The report is professional**.

**[Grades: 80-75]:** 80% of the application functionalities are functional. The project respects partially the quality criteria. **The report is professional** but misses some information.

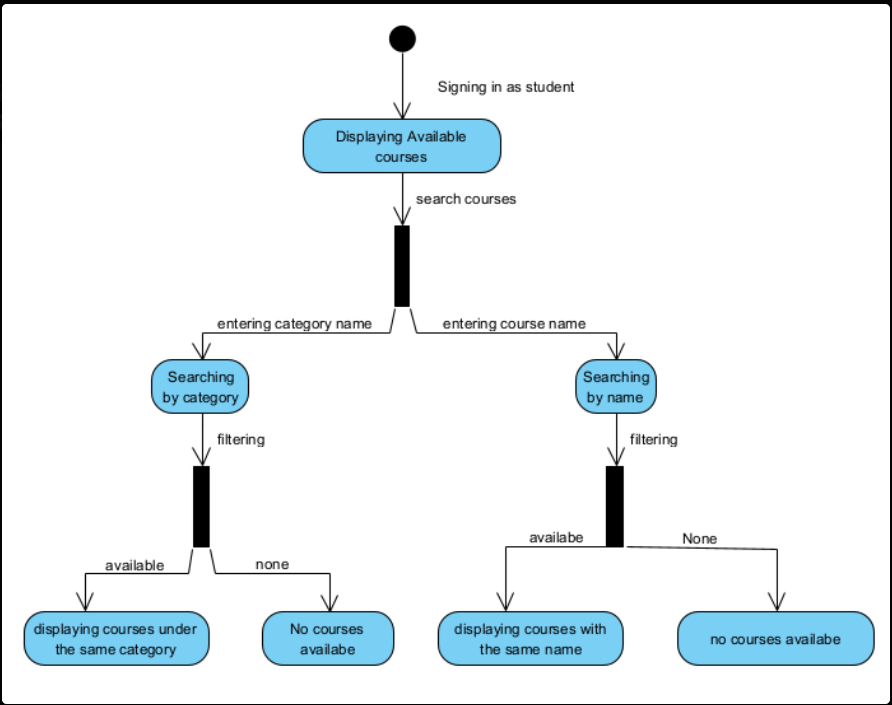
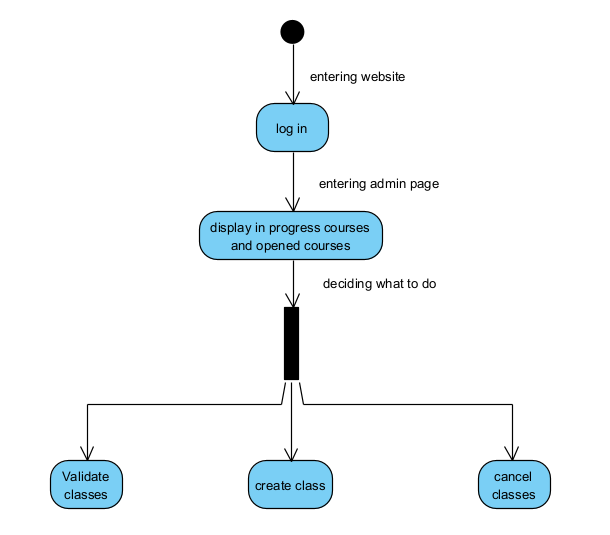
The grades are not negotiable. We expect that only a small portion (around 15%) of the class will be able to meet the criteria for the grades **[100-85]. You should work hard to and demonstrate the merits of your application to earn those grades.+**

# Description of your proposed platform

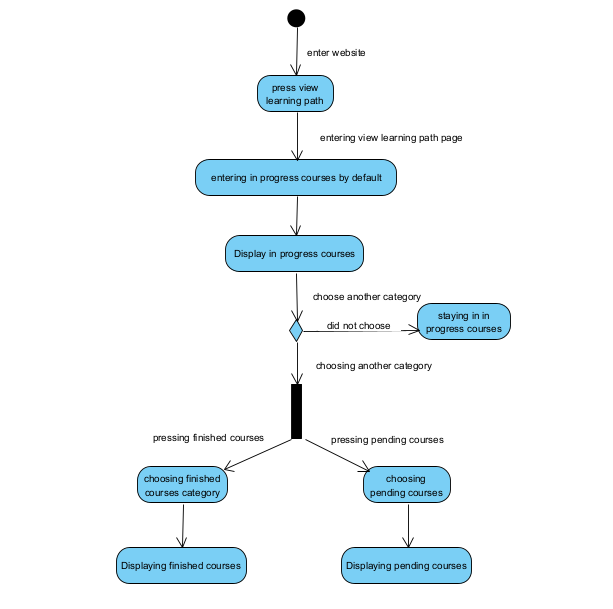
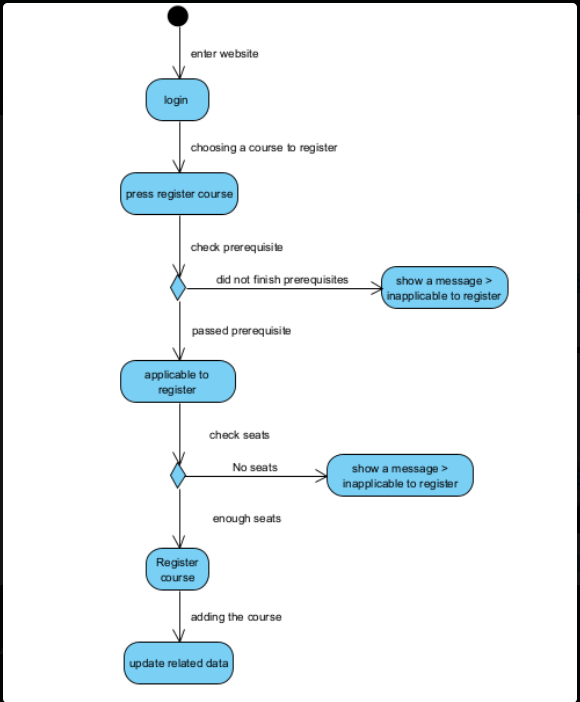
Give an overview of how your application works

# Application Design

# Use case diagram

A diagram of a course

AI-generated content may be incorrect.A diagram of a username

AI-generated content may be incorrect.

# Entities class diagram

Describe your data as a class diagram or Entity Association diagram

# Web API class

Local storage:

A screenshot of a computer

AI-generated content may be incorrect.

List all the methods (functions) to query your data entities

# Implementation

# Implemented use-cases

# Unimplemented use-cases and not functioning parts

# Testing

# Use case 1

Login page:

A screenshot of a computer

AI-generated content may be incorrect.

Student username login:

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

Instructor username login:

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

admin username login:

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

Mobile screen:

A screenshot of a login screen

AI-generated content may be incorrect.

# Use case 2

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

# Use case 3

Before Registering:

A screenshot of a computer

AI-generated content may be incorrect.

After registering:

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

Trying to register for the same course:

A screenshot of a computer

AI-generated content may be incorrect.

Trying to register for another campus class:

A screenshot of a computer

AI-generated content may be incorrect.

Trying to register for a course without finishing its prerequisite:

A screenshot of a computer

AI-generated content may be incorrect.

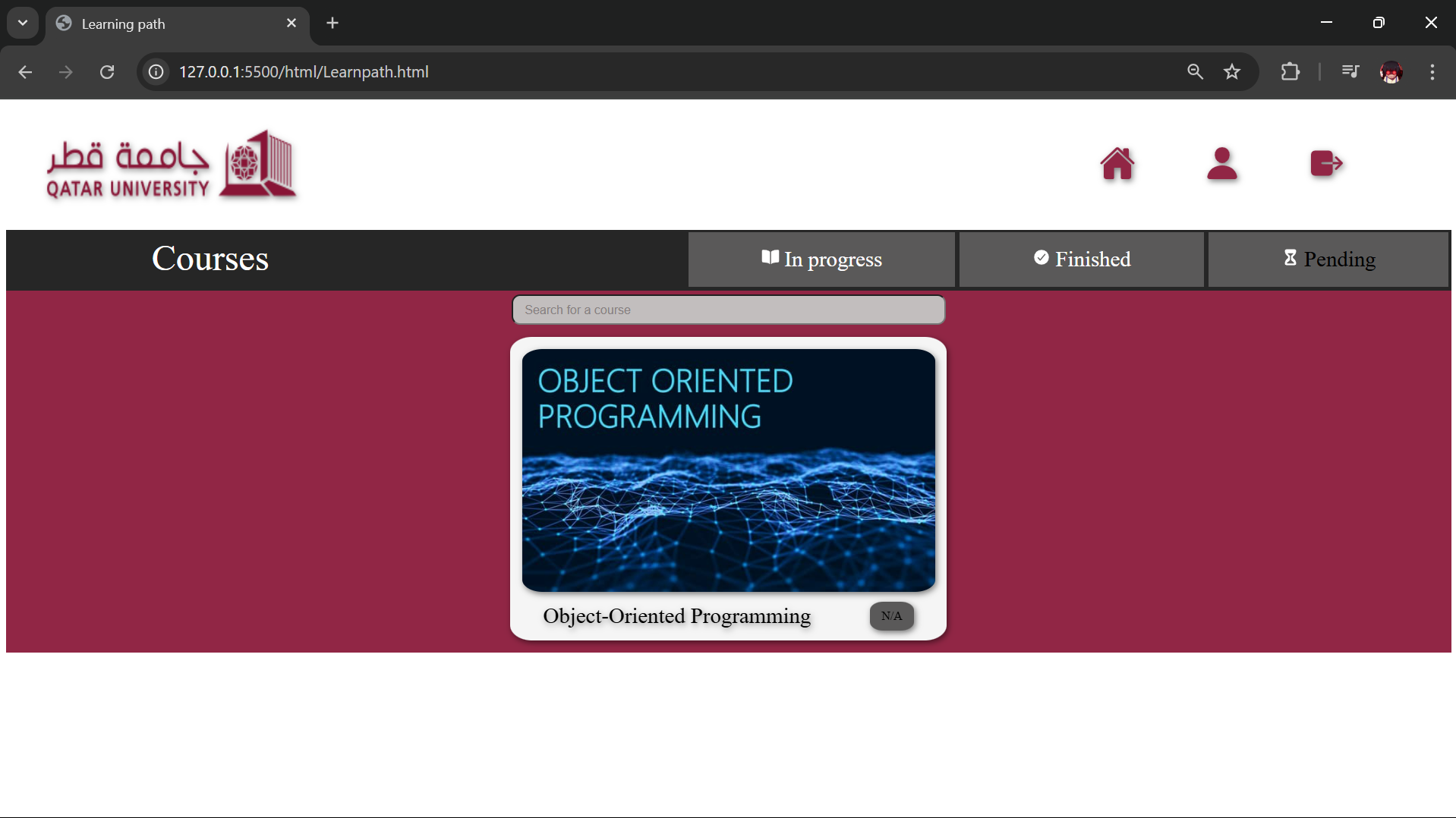
Trying to register for a full class:

A screenshot of a computer

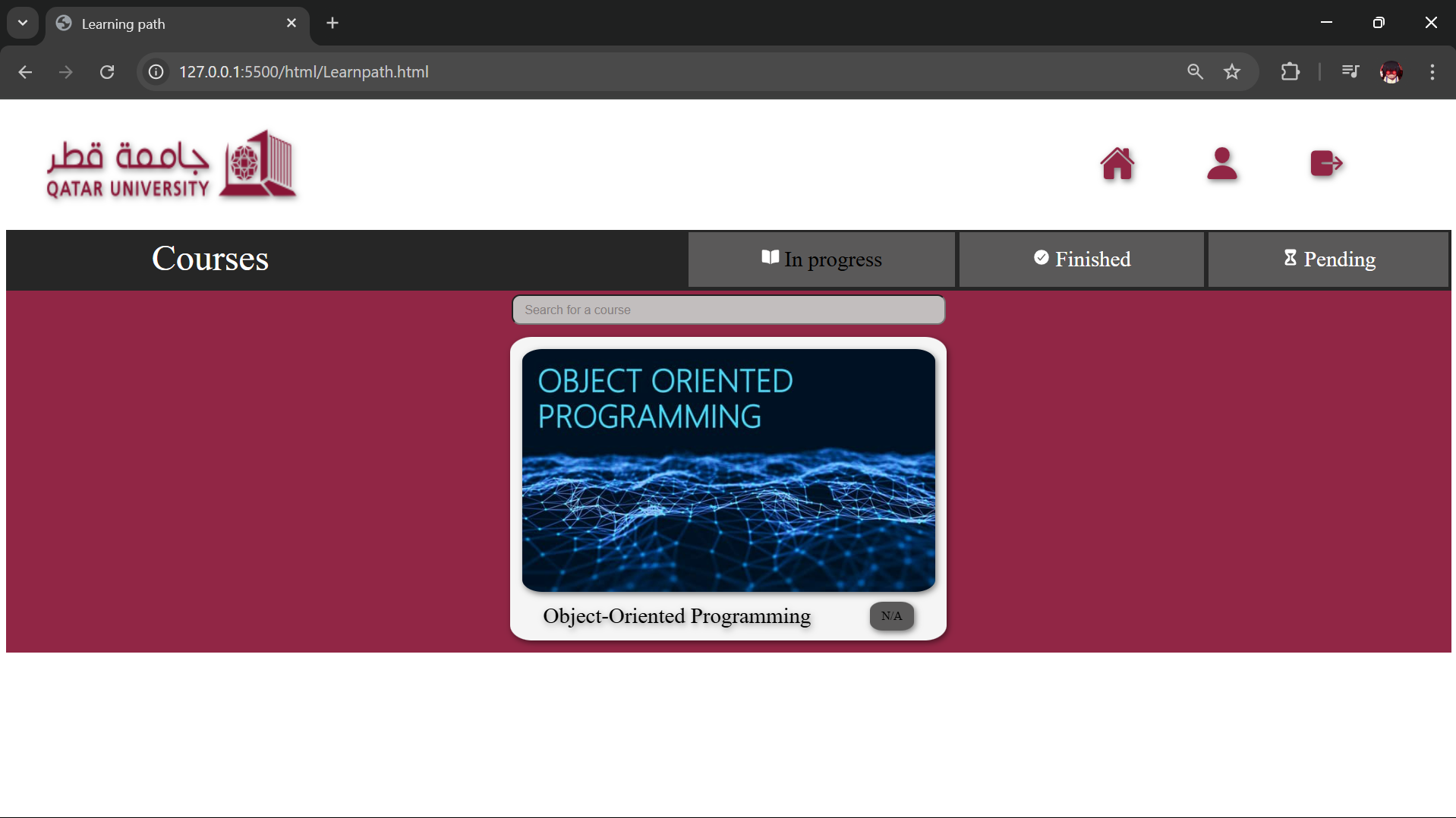
AI-generated content may be incorrect.

# Use case 4

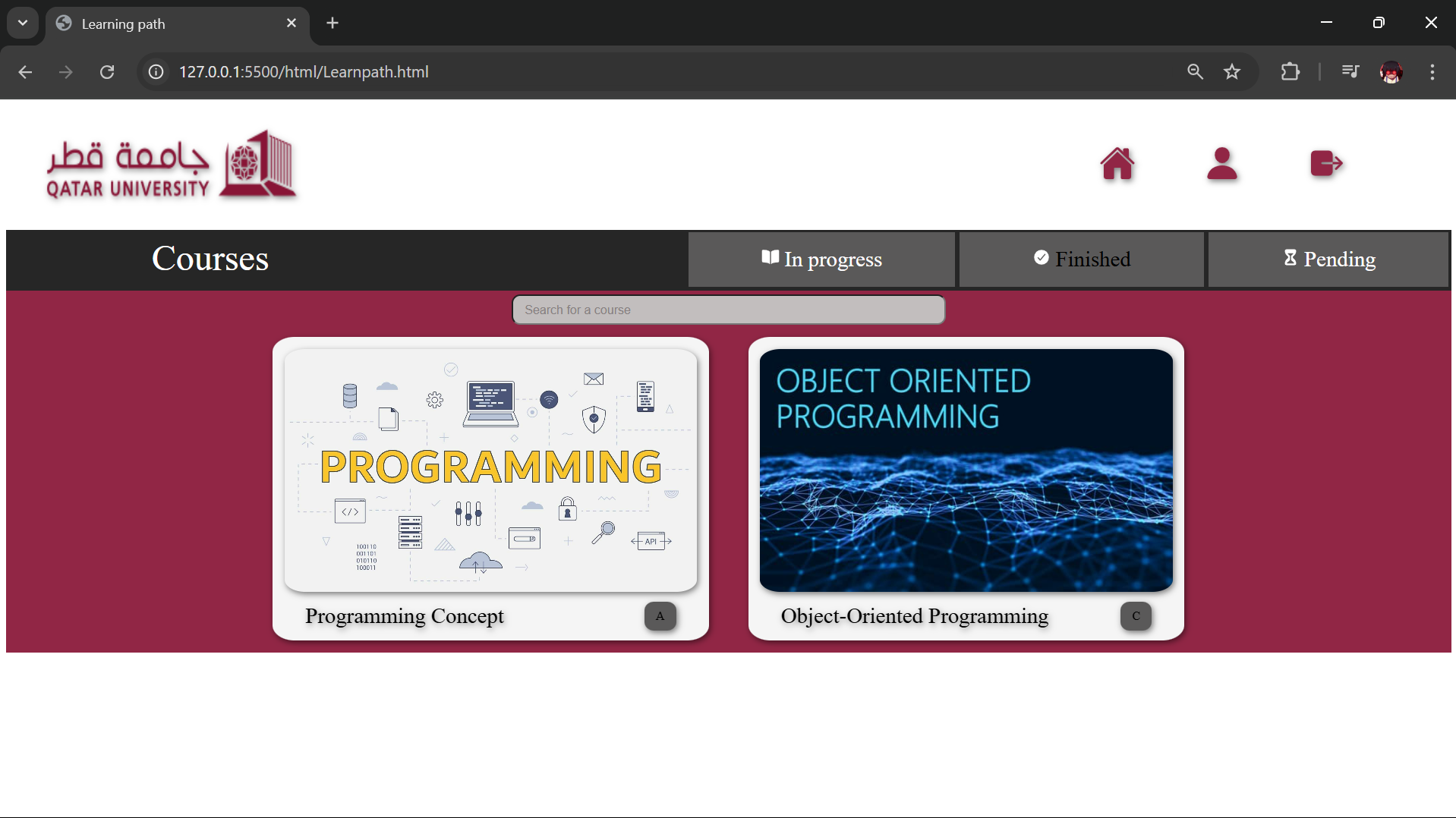
Registering open course:



After the admin validate the course:



After the instructor submits the grade:



Mobile screen:



# Use case 5

# Discussion of the project contribution of each team member

|  |  |
| --- | --- |
| **Student name** | **Student contributions** |
| Hateim Elagha | 33.3% (Use case 2,3) |
| Ahmad Almashhadani | 33.3% (use case 1,4) |
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