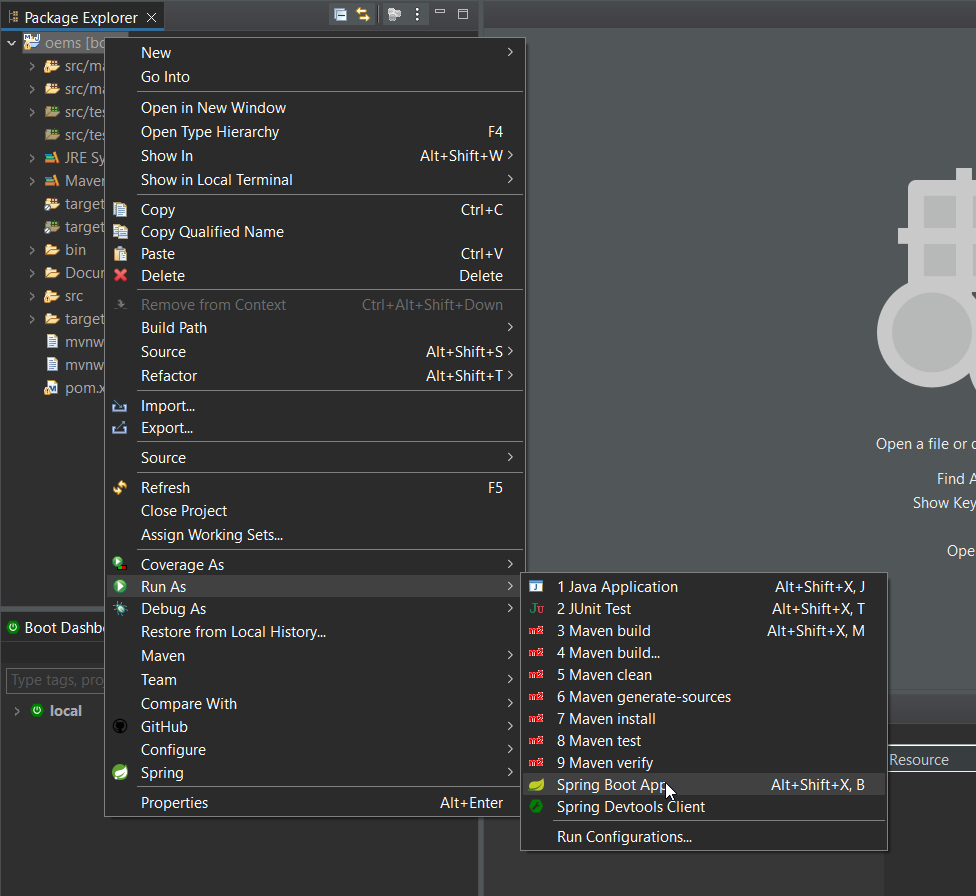
Online Exam Management System

User Manual

## **Running the Program after Setup**

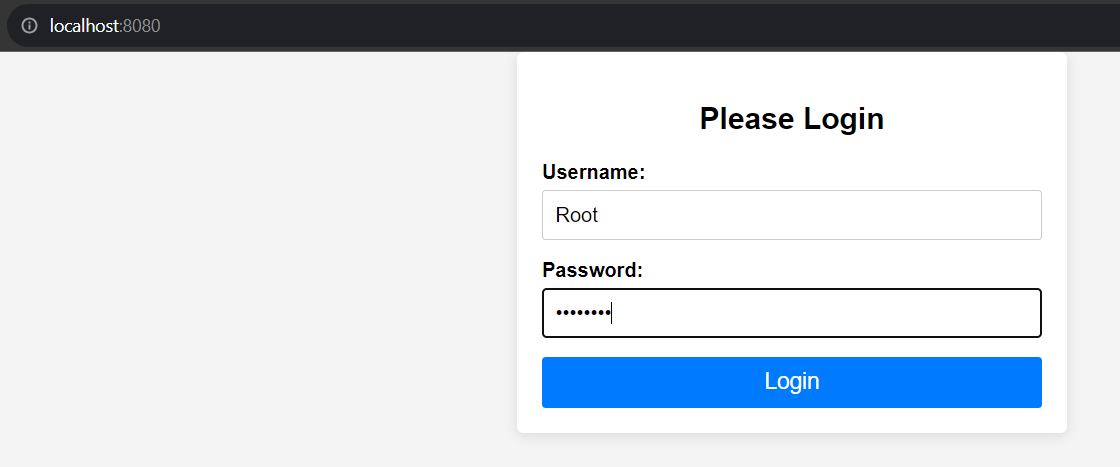
After getting all the program files open in Eclipse you’ll want to run the program.

1. You’ll need to right click on the top of the files tree, hover over **Run As**, then click Spring Boot Apps

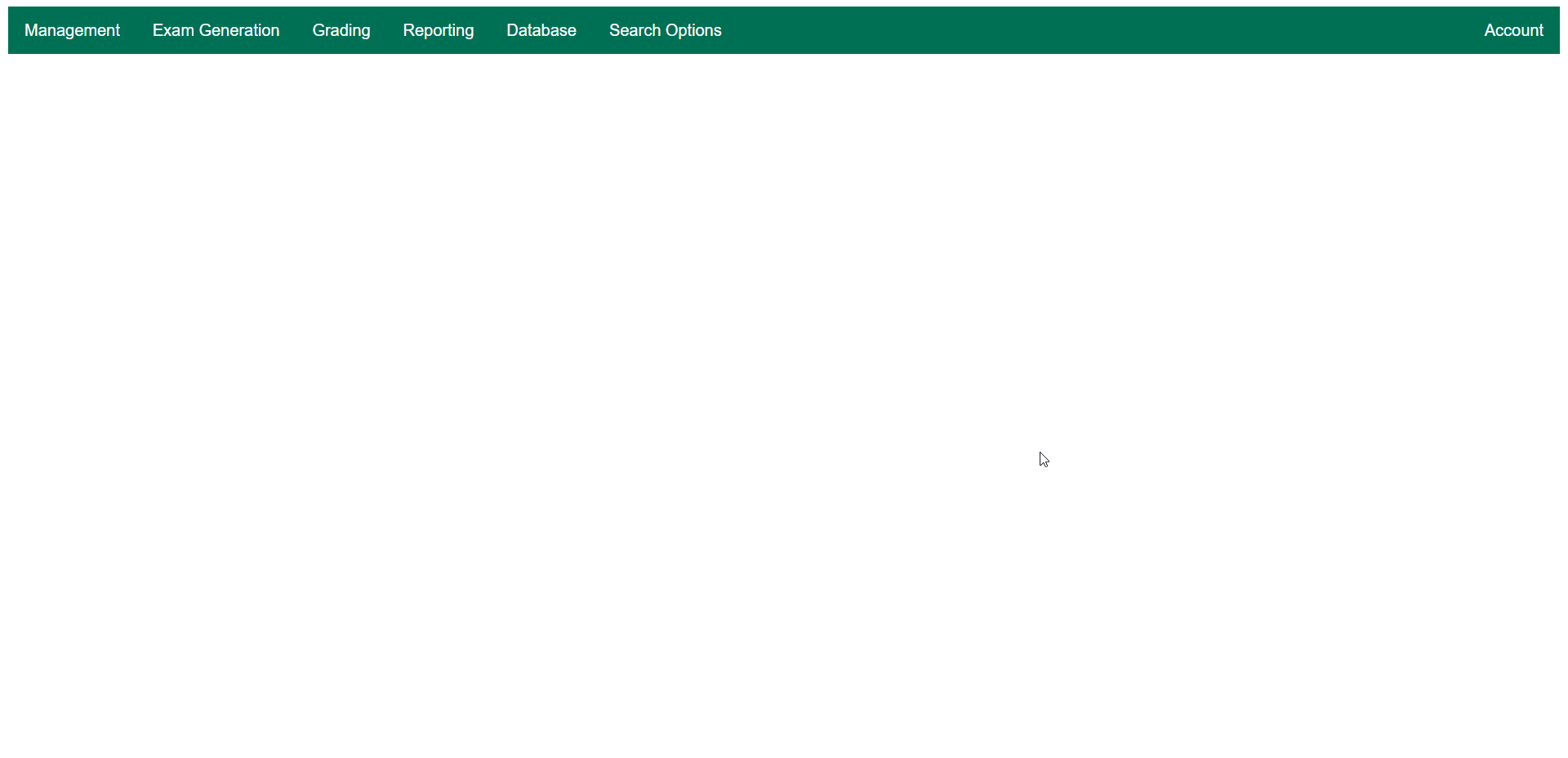


1. You will then need to navigate to your browser of choice and type *localhost:8080* into the url bar. The login page will be displayed.

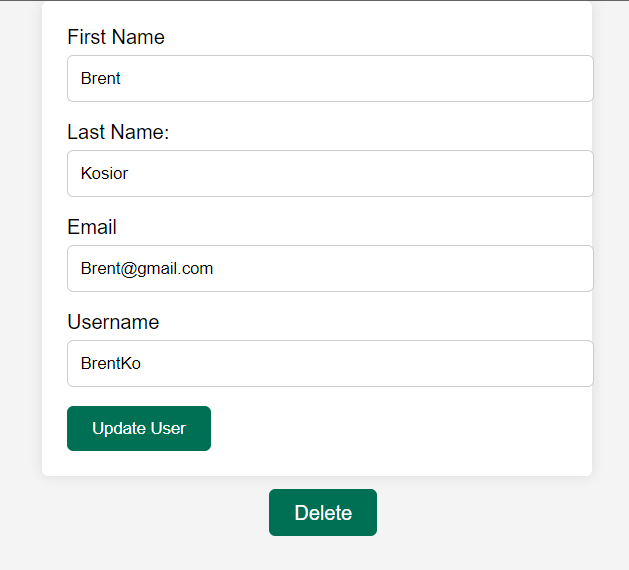
*user: Root, pass: software*



1. After Logging in you will be presented with the Main Screen for an instructor.



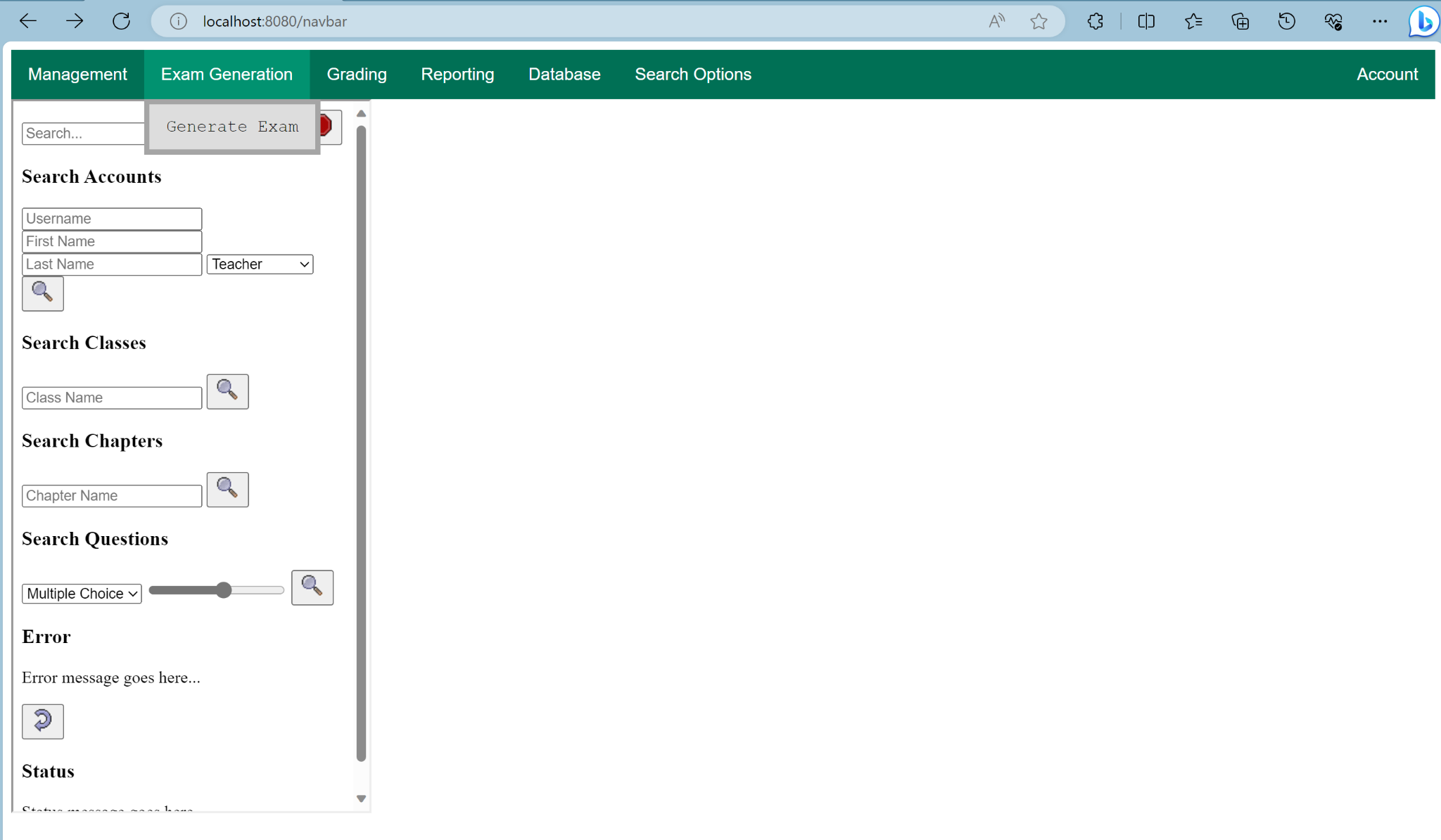
1. You have a navigation bar that has multiple options, the current options that are available are Management, Computer Literacy, Grading, Reporting, Database, Search, Options.
   1. Management has 5 options under it
      1. Accounts - ***Currently Not Functioning***
      2. Create Account - This option will take you to the Registration Form page. You are able to enter user information and click finish to register that user to the database.
      3. Classes - Dropdown menu with classes will appear. The chosen class will be redirected to an examination page. This is still ***under development***
      4. Chapters - This lets the user choose between chapters and different examination forms. This is ***under Development***
      5. Exams - Allows the user to pick a class and get redirected to the exam
   2. Exam Generation
      1. Exam Generator - A full-fledged AI-Exam generator. Simply pick a topic and it will generate an exam for you. See ‘A.I. Exam Generation’ for in-depth user manual information.
   3. Grading
      1. Exam Grading - ***Currently Not Functioning***
   4. Reporting
      1. Exam information - ***Currently Not Functioning***
      2. IP Address - ***Currently Not Functioning***
   5. Database
      1. View All Students - Routes to an HTML page that shows all students in the database.
         1. There is an edit feature when viewing all students as well, you can click edit to the right hand side of any student currently enrolled and it will route you to a new page to edit the students details, or delete the student all together.



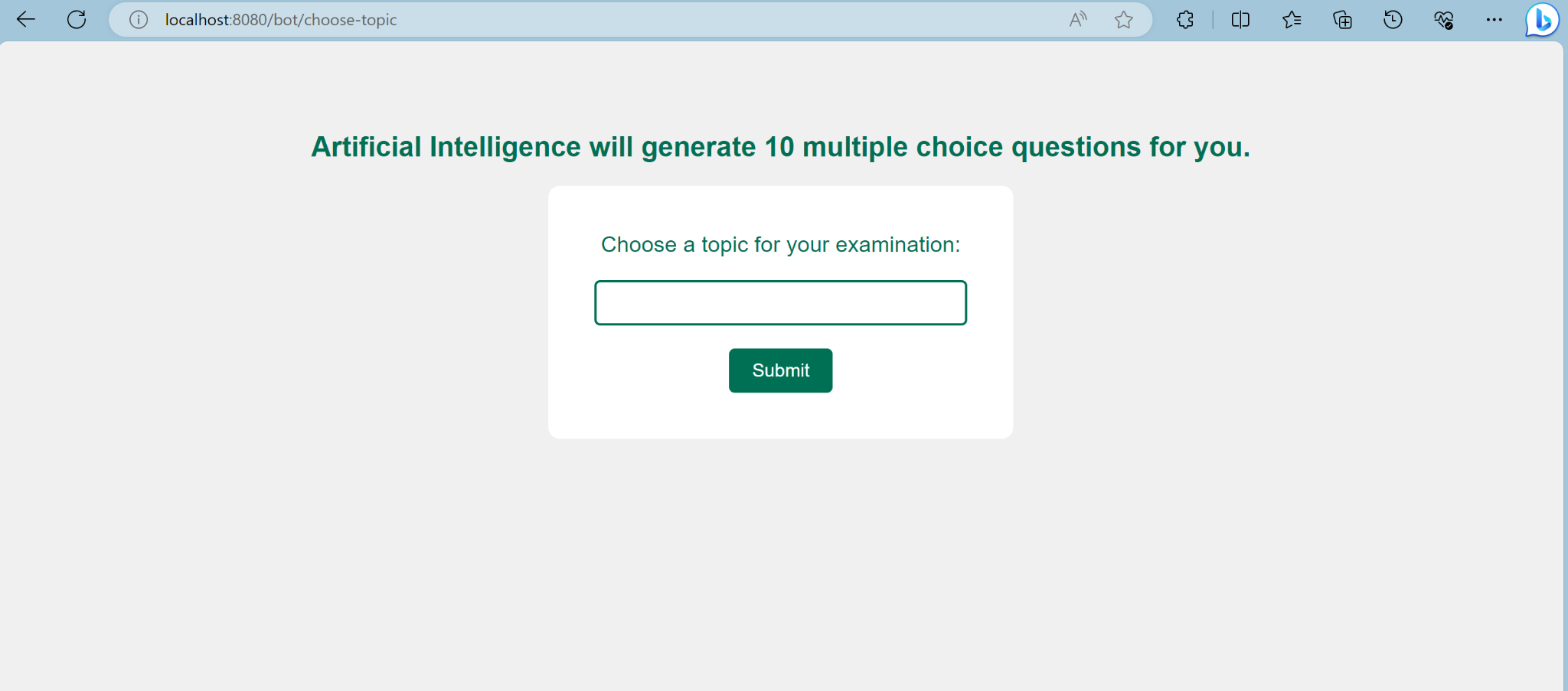
* + 1. Add Students - Routes to an HTML page that allows the admin to add students to the database.
    2. Add Instructors - Routes to an HTML page that allows the admin to add instructors to the database.
    3. Add Courses- Routes to an HTML page that allows the admin to add courses to the database.
    4. Assign Students - Allows the admin to assign existing students to existing classes
       1. The association will be recorded and uploaded to the student\_and\_courses table
    5. Assign Instructors- Allows the admin to assign existing instructors to existing classes
       1. The association will be recorded and uploaded to the instructor\_courses table
    6. Export to Excel - Exports the students from the database to your local drive as an excel file. By default, it should be downloaded to your ‘Downloads’ folder
    7. Import with Excel - Allows an import of an Excel File that uploads students into the database. Checks if usernames are unique.
  1. Search Options
     1. View Details - ***Currently Not Functioning***
  2. Account
     1. Change Password - ***Currently Not Functioning***
     2. Logout - This option will take you back to the login page.

## **A.I. Exam Generation**

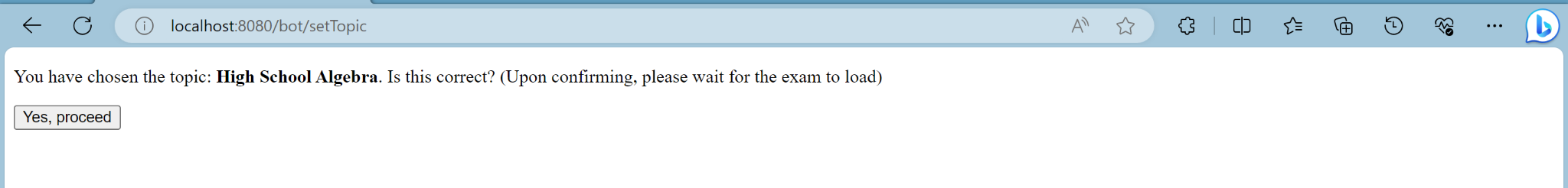
1. At the navbar page, hover over **Exam Generation** and click on Generate Exam



1. You will be met with the following prompt page



1. Within the prompt box, make sure to write an examination topic of your choice. It can be anything. Click **Submit**
2. You will be met with a confirmation page, click **Yes, proceed** and allow for about 5-10 seconds for the exam to generate itself.

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