



# User Guide

A Web-based C++ Testing Suite Project by  
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## Creating an Account and Sign In:

Using a lab machine, run the command './runserver.sh' in the terminal under the directory the file is stored in. Anyone on a lab machine may now pull up our website by typing '<HostName>:7777' in a web browser. A login page will appear. You can sign in using a preexisting account, or create a new account by clicking the sign-up button. In the signup page, there is an option to be an instructor or a student.

- **Student:**
  - Can access classes that they have been added to by a professor.
- **Instructor:**
  - Can create courses and add students to each course by the student's email.
  - Can create assignments for each of their created classes.

## Logout

The logout button can be found in the top right corner of the navigation bar, this returns the current user to the login page.

## Forgot Password

**\*\*There is a link to this in the login page but it has not been implemented\*\***  
Allows a user to change their password. Not secure, just requires the person's email.

## Courses:

The courses page is the first page that appears once a user has logged in. This page contains all of courses the student/instructor is currently enrolled in.

- **Student Course Page:**
  - Lists all the courses that the student is enrolled in.
  - By clicking on a course, a drop down menu will appear with all of the assignments for that class.
  - By clicking on an assignment, the user will be redirected to an assignment page.
- **Instructor Course Page:**
  - Lists all the courses that the instructor has created with links to create a new course, create a new assignment for a course, edit a course, or edit an assignment for a course.

## **Instructor Courses Page:**

The following pages can only be found on the courses page when logged in as an instructor:

- **Create Course**

- Found at the bottom of the list under the courses page
- Allows for class to be made and added to the database.
- All fields are required to have input.
  - Course title
  - Section number
  - Semester
  - Year
  - Add student by email (This is not required)
- Will return an error message if something went wrong.

- **Edit Course**

- By clicking the edit icon next to the course button, you will be directed to a page that will allow you to edit a course.
- Allows you to edit the information for a course.
  - Course title
  - Section number
  - Semester
  - Year
  - Add student by email
  - Delete student by email
- All input fields are NOT required.

- **Create Assignment**

- Found at the bottom of the dropdown menu under that specific course
- Allows an instructor to create a new assignment for a course.
- All input fields are required
  - Assignment title
  - Due date
  - Assignment details

- **Edit Assignment**

- By clicking the edit icon next to the assignment button, you will be directed to a page that will allow you to edit an assignment.
- Allows you to edit the information for an assignment.
  - Title
  - Due date
  - Assignment details
- All input fields are NOT required.

## **Sandbox:**

The Sandbox page is where the a student can write/upload code to test. There is a Run and Compile button that will run and compile the code. The code will run the test cases that the user provides and check the output against the user's expected output (Test Cases have not yet been implemented). A user can select a timeout time to prevent infinite loops, the default timeout is 30 seconds.

## **FAQ/About Page:**

- Links to them can be found in the navigation bar, but they do not contain anything currently.

## **Error Reporting**

Please report any errors or bugs to

<https://github.com/LongwoodFooBar/SeniorSeminarProject/issues> so we can fix them.

Thank you!