

## 1. Register

- Scope

The goal of this user acceptance test is to verify that both a tutor and student can register as a user.

We will measure success as determining that a user can successfully register an account with their credentials, adding their information to either the student or tutor table in the database dependent upon their respective profession. The user will then be able use this information to login through the login function.

- Test Cases

1. The user is a student looking to register an account (Failure).

The user will navigate to the landing page, clicking on the button “get started” in the center of the webpage, which will redirect the user to the registration page. The user will click on the “I am a student” radio button, then enter a username that may already be taken and/or a password that does not fit the criteria which will not create a user that is a student.

- Test Data

A username that may already exist in the student database. A password that may not correctly pass the password criteria.

2. The user is a student looking to register an account.

The user will navigate to the landing page, clicking on the button “get started” in the center of the webpage, which will redirect the user to the registration page. The user will click on the “I am a student” radio button, then enter a username that is not already taken and a password with at least 8 characters, including 1 number and 1 special character, which will create a user that is a student.

- Test Data

A username not already in the student database. A password that correctly fits the password criteria.

3. The user is a tutor looking to register an account.

The user will navigate to the landing page, clicking on the button “get started” in the center of the webpage, which will redirect the user to the registration page. The user will click on the “I am a tutor” radio button, then enter a username that is not already taken and a password with at least 8 characters, including 1 number and 1 special character, which will create a user that is a tutor.

- **Test Data**

A username that does not already exist in the tutor database. A password that passes all the criteria for a password creation.

4. The user is a tutor looking to register an account (Failure).

The user will navigate to the landing page, clicking on the button “get started” in the center of the webpage, which will redirect the user to the registration page. The user will click on the “I am a tutor” radio button, then enter a username that may already be taken and/or a password that does not fit the criteria, which will not create a user that is a tutor.

- **Test Data**

A username that may already exist in the tutor database. A password that does not pass all the criteria for a password creation.

- **Test Environment**

These tests will be run on a localhost version of our application. A database script will be run on the initialization of the application to pre-load the application with data to ensure that each case can be properly tested.

- **Test Results**

1. The page will provide the user an error message, and no data will be added into the students table in the database.
2. The page will redirect the user to the login page, with a confirmation message to the user that their account has been successfully created.

Their username and password information will be added to the students table in the database.

3. The page will provide the user an error message, and no data will be added into the tutors table in the database.
4. The page will redirect the user to the login page, with a confirmation message to the user that their account has been successfully created. Their username and password information will be added to the tutors table in the database.

## **2. Add Post**

- Scope

The goal of this user acceptance test is to verify that a tutor can add a post to their about page.

We will measure success by determining if the post has been added to the tutor's about page, and if a student can view and interact with this post by visiting the respective tutor's about page.

- Test Cases

1. The tutor adds a post to their about page.

The tutor will navigate to the "about page" in the top right corner of any webpage (located on the navigation bar). They will then be redirected to their about page. In the bottom-center of the page, they will be able to click on the button that says "post now", where they will type a post within the parameters of the post requirements. This post will then be added to their page.

- Test Data

The post will follow the guidelines, which is less than 250 characters.

2. The tutor adds a post to their about page (failure).

The tutor will navigate to the "about page" in the top right corner of any webpage (located on the navigation bar). They will then be redirected to

their about page. In the bottom-center of the page, they will be able to click on the button that says “post now”, where they will type a post NOT within the parameters of the post requirements. This post will then NOT be added to their page.

- **Test Data**

The post will not follow the guidelines and be greater than 250 characters.

- **Test Environment**

These tests will be run on a localhost version of our application.

- **Test Results**

1. The page will provide a “post created successfully” message. The post will be uploaded to the tutor’s about page, and will now be visible to any user visiting the tutor’s about page.
2. The page will provide an error message to the user. No changes will be made to the tutor’s about page.

### **3. Rate Tutor**

- **Scope**

The goal of this user acceptance test is to verify that a student is able to provide a rating to a tutor on a scale of 1-5.

We will measure success as determining that a successful review is added to a tutor’s review data, adding the total number of reviews for a tutor and updating their average rating visible on their about page.

- **Test Cases**

1. The student adds a rating to a tutor

After a tutoring session, a student will be able to mark the tutoring session as “complete” inside of their calendar. Upon doing so, a page will

populate, giving the student the opportunity to rate their tutor on a scale of 1 star to 5 stars. The student will be able to choose their rating, then click on the button in the lower right corner of the page, with text “Finish Session”.

- Test Data

A rating from 1-5, given visually by being able to click on between 1-5 stars.

- Test Environment

These tests will be run on a localhost version of our application.

- Test Results

1. The tutor’s rating table within their database will be updated. This will now allow for a new average to be calculated and hence updated within their about page. This new average will be visible to anyone viewing the tutor’s about page.