

Test ID	Description	Expected Results
Testing mentor search functionality	<p>Preconditions: Student is logged in and registered</p> <p>Steps:</p> <ol style="list-style-type: none"> <li>1. Navigate to mentor search page</li> <li>2. Student enters criteria for a mentor skill set</li> <li>3. Initiate the search</li> </ol>	The student sees a list of available mentors, with a short description and additional information available if they click on the mentor profile.
Mentor application accept or decline	<p>Preconditions: Possible mentor is registered and has pending request for mentorship</p> <p>Steps:</p> <ol style="list-style-type: none"> <li>1. Navigate to mentee acceptance page</li> <li>2. View mentee request</li> <li>3. View mentee profile and preferred hours</li> <li>4. Accept or decline application</li> </ol>	The possible mentor has accepted the possible mentee or declined them. The application notification should be gone.
Mentor to mentee chat	<p>Preconditions: Mentor and mentee are registered and matched</p> <p>Steps:</p> <ol style="list-style-type: none"> <li>1. Mentee or mentor go to their messages inbox</li> <li>2. Mentee or mentor type and send a message</li> </ol>	Message was successfully delivered and provides a delivered time and date.
Registering for a Student Account	<p>Preconditions: Person is in a CS related field and not registered already</p> <p>Steps:</p> <ol style="list-style-type: none"> <li>1. Navigate to registration page</li> <li>2. Fill in valid student information</li> <li>3. Submit registration</li> </ol>	The student trying to make an account now has one, the user is redirected to the home dashboard.

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Testing Mentor Availability	<p>Preconditions: Student is logged in and registered for the system and is looking for a 1-1 meeting with a mentor.</p> <p>Steps:</p> <ol style="list-style-type: none"> <li>1. Navigate to the mentor search page</li> <li>2. Student enter specific criteria for a mentor's skill set.</li> <li>3. Select a mentor and it opens a page to see available mentor meetings.</li> <li>4. System checks for available meeting times.</li> </ol>	<p>The student should view a list of available mentor meetings with specified criteria that include a brief description of the mentor, focus of the meeting, and interactive learning references. Clicking on each mentor's profile should reveal more information about their credibility.</p>
Enrolling in a guided course	<p>Preconditions: User is logged on and registered</p> <p>Steps:</p> <ol style="list-style-type: none"> <li>1. Navigate to Interactive Learning section</li> <li>2. User selects a course</li> <li>3. User enrolls in the course</li> </ol>	<p>User is enrolled and is redirected to the course dashboard.</p>
Checking password recovery	<p>Preconditions: User has a registered account and forgot their password</p> <p>Steps:</p> <ol style="list-style-type: none"> <li>1. On the login page click on the "Forgot my password"</li> <li>2. Enter registered email address</li> <li>3. Follow instructions for password recovery</li> </ol>	<p>User has their password via email and can now login.</p>
Generating mentee progress on guided courses	<p>Preconditions: Registered user is seeking to progress on a particular skill set through the guided courses</p> <p>Steps:</p> <ol style="list-style-type: none"> <li>1. Navigate to the "Interactive Learning" dashboard</li> <li>2. Under the "Progress Report" section view the generic percentages of completion on each registered course</li> <li>3. Clicking on a specific progress report opens up the current task being attempted that measures with their specific progress.</li> </ol>	<p>The student that initiates the request to view the generated report will see the performance metric which includes completion status or percentage of progress completed which coincide with the name of the skill/course being practiced.</p>

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Scheduling a meeting with mentor	<p>Preconditions: Users are both matched mentor and mentees</p> <p>Steps:</p> <ol style="list-style-type: none"> <li>1. Mentee login</li> <li>2. Mentee navigate to Mentor profile</li> <li>3. Mentee selects to schedule a meeting and chooses a time and date</li> <li>4. Mentee selects "Send Invite"</li> </ol>	An invite to meet will be received to the mentor, who will then choose to accept, decline, or change date.
User Profile Updates	<p>Validates the functionality allowing users to update their profile information (Name, Contact Info, Bio, Skills, Portfolio Info, etc)</p> <p>Preconditions: User is logged in and accesses the profile settings or edit profile page.</p> <p>Steps:</p> <ol style="list-style-type: none"> <li>1. Change the user's name (first, last, or both) and update contact information (email, phone).</li> <li>2. Verify that the system accepts the changes and reflects the updated details in the profile</li> <li>3. Can change profile pic by uploading a new image</li> <li>4. Initiate a password change by following the same procedure for "Forgot Password"</li> <li>5. Optionally: Choose a link for a portfolio for professional connections (GitHub, LinkedIn, etc)</li> <li>6. Press Confirm the changes</li> </ol>	Profile updates (name, contact, profile picture, password, etc) are successfully reflected and saved in the user's profile. Changes made by the user are accurately stored and displayed within the system. Profile picture uploads show the updated image upon successful upload. Password changes are immediate and allow logging in with new credentials. System should handle inaccurate or invalid input by rejecting a confirmation.