

INSTRUCTIONS:

1. Create 1 document per team, within the milestones folder in the project directory, that describes how, at least, 3 features within your finished product will be tested.
2. The test plans should include specific test cases (user acceptance test cases) that describe the data and the user activity that will be executed in order to verify proper functionality of the feature.
3. The test plans should include a description of the test data that will be used to test the feature.
4. The test plans should include a description of the test environment that will be used to test the feature.
5. The test plans should include a description of the test results that will be used to test the feature.
6. The test plan should include information about the user acceptance testers.

Feature	Information needed	Test cases		How to test
Login	- Email - Password			PostgreSQL database has been prepopulated with dummy data concerning users. Therefore, for the positive test case, we will use the user created during the /register test case. For the negative test case, we will use a user from the dummy data with an incorrect password.
		Email not found in users	Redirects to register page	
		Wrong Password	Throws an error message and reloads login page	
		Correct email and password	Redirects to home page	
Register	- Email - Password			PostgreSQL database has been prepopulated with dummy data concerning users. Therefore, for the positive test case, we will use new data not already in the database . For the negative test case, we will use invalid email addresses, and emails and usernames that already exist in the database.
		Invalid email	Message asking user to input valid email	
		Email is already in the users query	Throws an error message and redirects to the landing page	
		Unique email and password	Insert a new user with the information given into the user query and redirects to login	
Populate Profile	(Not needed but accepted) - Bio - Classes			PostgreSQL database has been prepopulated with dummy data concerning users. Therefore, for the positive test case, we will use new data
		Nothing is entered	Nothing is changed and there's no	

	<div>- Times Available</div> <div>- Contact Info</div>	<table><tr><td></td><td>errors</td></tr><tr><td>If user inputs invalid time or classes</td><td>Error message appears for user</td></tr><tr><td>User inputs all valid information</td><td>Information in users table is updated and site returns to profile page</td></tr></table>		errors	If user inputs invalid time or classes	Error message appears for user	User inputs all valid information	Information in users table is updated and site returns to profile page	not already in the database . For the negative test case, we will use invalid classes and times available that already exist in the database. We also have created a test case for the positive and negative situations in this scenario.
	errors								
If user inputs invalid time or classes	Error message appears for user								
User inputs all valid information	Information in users table is updated and site returns to profile page								
Create Relationships	<div>- Which user is the tutor</div> <div>- Which user is the student</div>	<table><tr><td>Session user is the tutor</td><td>Row created with end user as the tutor and other user as student</td></tr><tr><td>Session user is the student</td><td>Row created with the end user as the student and other user as a tutor</td></tr></table>	Session user is the tutor	Row created with end user as the tutor and other user as student	Session user is the student	Row created with the end user as the student and other user as a tutor	We will test this using user acceptance testing, we created the Acceptance criteria in the database and will follow it.		
Session user is the tutor	Row created with end user as the tutor and other user as student								
Session user is the student	Row created with the end user as the student and other user as a tutor								
Delete Relationships	<div>- Which user to delete a relationship with</div>	<table><tr><td>End user selects a user to delete a relationship with</td><td>Row is removed from the table</td></tr></table>	End user selects a user to delete a relationship with	Row is removed from the table	This is tested via the Acceptance Criteria and therefore will be tested manually.				
End user selects a user to delete a relationship with	Row is removed from the table								
Search	<div>(Not needed but accepted)</div> <div>- name/email</div> <div>- Class</div> <div>- Times Available</div>	<table><tr><td>No information added to any box</td><td>Returns all profiles that are tutors (or students based on which page)</td></tr><tr><td>One search box filled with info</td><td>Returns all profiles that have similar info compared to the box it was entered in</td></tr><tr><td>Multiple search boxes used</td><td>Compares multiple fields with respective search information. If no profiles match, page is blank</td></tr></table>	No information added to any box	Returns all profiles that are tutors (or students based on which page)	One search box filled with info	Returns all profiles that have similar info compared to the box it was entered in	Multiple search boxes used	Compares multiple fields with respective search information. If no profiles match, page is blank	This is tested using the Acceptance Criteria and will have to be done manually.
No information added to any box	Returns all profiles that are tutors (or students based on which page)								
One search box filled with info	Returns all profiles that have similar info compared to the box it was entered in								
Multiple search boxes used	Compares multiple fields with respective search information. If no profiles match, page is blank								

Tutors	-user_id is logged in	<table><tr><td>User is on tutors page without entering anything in search bar</td><td>Displays all current tutors in the database with links to each tutors profile page</td></tr><tr><td>User is on tutor page with info in search bar</td><td>Refer to Search feature above</td></tr></table>	User is on tutors page without entering anything in search bar	Displays all current tutors in the database with links to each tutors profile page	User is on tutor page with info in search bar	Refer to Search feature above	<p>This will be tested manually using the Acceptance Criteria and the premade database.</p> <p>Positive test: If all tutors are displayed with working links to their profile because user is logged in</p> <p>Negative test: Page isn't available to view because user isn't logged in yet</p>
User is on tutors page without entering anything in search bar	Displays all current tutors in the database with links to each tutors profile page						
User is on tutor page with info in search bar	Refer to Search feature above						
Students	-user_id is logged in	<table><tr><td>User is on student page without entering anything in search bar</td><td>Displays all current students in the database with links to each tutors profile page</td></tr><tr><td>User is on students page with info in search bar</td><td>Refer to Search feature above</td></tr></table>	User is on student page without entering anything in search bar	Displays all current students in the database with links to each tutors profile page	User is on students page with info in search bar	Refer to Search feature above	<p>This will be tested manually using the Acceptance Criteria and the premade database.</p> <p>Positive test: If all students are displayed with working links to their profile because user is logged in</p> <p>Negative test: Page isn't available to view because user isn't logged in yet</p>
User is on student page without entering anything in search bar	Displays all current students in the database with links to each tutors profile page						
User is on students page with info in search bar	Refer to Search feature above						
View profile	-user id of profile you are viewing	<table><tr><td>Current user is connected with other users profile</td><td>User is rerouted to other users profile with delete relationship button in top right corner</td></tr><tr><td>Current user is not connected with other users profile</td><td>User is rerouted to other users profile with create relationship button in top right corner</td></tr></table>	Current user is connected with other users profile	User is rerouted to other users profile with delete relationship button in top right corner	Current user is not connected with other users profile	User is rerouted to other users profile with create relationship button in top right corner	<p>This is tested by comparing it to User Acceptance Criteria and will be done manually.</p>
Current user is connected with other users profile	User is rerouted to other users profile with delete relationship button in top right corner						
Current user is not connected with other users profile	User is rerouted to other users profile with create relationship button in top right corner						