

TEST CASES



Student Off-Campus Housing App: Unilink

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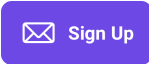

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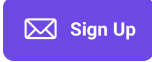

Legend Table

Priority	High, Medium, Low
Status/Test Status	Tested
Viewer	Users who is looking for a housing or roommate
Poster	Users who post housing information
Favorite	A list of post that viewer selects from all the post that attracts him or her.
Conversation	A message box that two users used to communicate.
SR	System Requirements artifact


Account

A1: User Sign-Up back to top	
Priority	High
Status	Tested
Description	The user creates a new account using email address and password or Google account.
User Goal	The user wants to create a new account for the application.
Desired Outcome	The user has created an account that they can log in with their email and password or Google account.
Actor	Poster/Viewer
Dependent Test Cases	N/A
Requirements	SR A1
Pre-conditions	1.The user downloads and opens the application but does not have an account. 2.Account with e-mail " test@test.com " does not exist. 3.The user has an google account " cse110xodtest@gmail.com ".[Alternate Workflow 1] 4.Account with e-mail " test2@test.com " exists. [Alternate Workflow 2]
Post-conditions	The user has created a new account associated with email.
Trigger	The user wants to create an account to use this application.
Workflow	1. The user shall click on the  button. 2. The system shall render the sign up screen. 3. The user shall enter "test@test.com" as email and "password" as password and reenter the same password, then click on the  button. 4. The system shall verify that the email is a valid email and verify the password is at least 6 characters long. 5. The system shall render the "My Profile" screen. 6. The user shall set their avatar, name, gender, year of graduation and


	<p>description about them.</p> <p>7. The system shall direct the user to the housing page.</p> <p>Result: This test passes when the user is directed to the housing page.</p>
Alternate Workflow	<p>Use Google account [Alternate Workflow 1]:</p> <p>1. The user shall click the  button.</p> <p>2. The system shall pop out a window to let user choose or sign in their Google account.</p> <p>3. The user shall sign in with Google account "cse110xodtest@gmail.com" and password "cse110test" or directly choose the account "cse110xodtest@gmail.com".</p> <p>4. The system shall render the "My Profile" screen.</p> <p>5. The user shall set their avatar, name, gender, year of graduation and  button.</p> <p>6. The system shall navigate the user to the housing page.</p> <p>Result: This alternate test passes when the user is directed to the housing page.</p> <p>Email already taken [Alternate Workflow 2]:</p> <p>1. Execute Workflow steps 1-2.</p> <p>2. The user shall enter "test2@test.com" as their email and "password" as password and reenter the same password, then click on the  button.</p> <p>3. The system shall notify the user that the email is in use by another account.</p> <p>Result: This alternate test passes when the message "The email address is already in use by another account." is prompted out.</p> <p>Invalid Email [Alternate Workflow 3]:</p> <p>1. Execute Workflow steps 1-2.</p> <p>2.. The user shall enter "test@test" as their email and "password" as password and reenter the same password, then click on the  button.</p> <p>3. The system shall notify the user that the email is invalid.</p> <p>Result: This alternate test passes when the message "Please enter a valid Email!" is prompted out.</p> <p>Not matching Passwords [Alternate Workflow 4]:</p> <p>1. Execute Workflow steps 1-2.</p> <p>2. The user shall enter "test@test.com" as their email, "password" as first password and "password2" as password re-enter, then click on the  button.</p>

	<p>3. The system shall notify the user that the passwords do not match.</p> <p>Result: This alternate test passes when the message “Your Password does not match!” is prompted out.</p> <p>Password too short [Alternate Workflow 5]:</p> <p>1. Execute Workflow steps 1-2.</p> <p>2. The user shall enter “test@test.com” as their email, “short” as first password and re-enter the same password, then click on the  button.</p> <p>3. The system shall notify the user that password is too short.</p> <p>Result: This alternate test passes when the message “Your Password is too short!” is prompted out.</p> <p>Empty name [Alternate Workflow 6]:</p> <p>1. Execute workflow steps 1-4.</p> <p>2. The user leave “Name” field empty, and fill in all other fields and then click  button.</p> <p>3.The system shall notify the user that name needs to be entered.</p> <p>Result: This alternate test passes when the message “Please enter a valid name!”</p>
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A2: User Sign-In back to top	
Priority	High
Status	Tested
Description	The user logs into their account using their email and password or Google account.
User Goal	The user wants to log in to the application with their account.
Desired Outcome	The user is logged into the application using their account.
Actor	Poster/Viewer
Dependent Test Cases	TC A1
Requirements	SR A2
Pre-conditions	1.The user has an account with email " test@test.com " , password "password" and is on the start page. 2.The user has an google account " cse110xodtest@gmail.com ".[Alternate Workflow 1] 3.Account with email " nonexist@test.com " doesn't exist. [Alternate Workflow 2]
Post-conditions	The user can successfully login their account and will be brought to the housing page.
Trigger	The user wants to log-in to their account.
Workflow	1. The user shall click the Sign in button. 2. The system shall render the Sign-in page. 3. The user shall enter "test@test.com" as their email and "password" as their password. <div>  </div> 4. The user shall click  button. 5. The system shall render the housing page. Result: This test passes when the user is directed to the housing page.

<p>Alternate Workflow</p>	<p>Use Google sign in [Alternate Workflow 1]:</p>  <ol style="list-style-type: none"> 1. The user shall click button. 2. The system shall pop out a window to let user choose or sign in their Google account. 3. The user shall sign in with Google account "cse110xodtest@gmail.com" and password "cse110test" or directly choose the account "cse110xodtest@gmail.com". 4. The system shall direct the user to the housing page. <p>Result: This alternate test passes when the user is directed to the housing page.</p> <p>Invalid Email Format [Alternate Workflow 2]:</p> <ol style="list-style-type: none"> 1. Execute Workflow steps 1-2. 2. The user shall enter "test@test" as their email and "password" as their password. 3. Execute Workflow step 4. 4. The system shall stay at the Sign-in page and prompt the user that "Please enter a valid Email!". <p>Result: This alternate test passes when the message "Please enter a valid Email!" is prompted out.</p> <p>Non-existing Account [Alternate Workflow 3]:</p> <ol style="list-style-type: none"> 1. Execute Workflow steps 1-2. 2. The user shall enter "nonexist@test.com" as their email and "password" as their password. 3. Execute Workflow step 4. 4. The system shall stay at the Sign-in page and prompt the user that "Authentication failed." <p>Result: This alternate test passes when the message "Authentication failed." is prompted out.</p> <p>Too Short Password [Alternate Workflow 4]:</p> <ol style="list-style-type: none"> 1. Execute Workflow steps 1-2. 2. The user shall enter "test@test.com" as their email and "short" as their password. 3. Execute Workflow step 4. 4. The system shall stay at the Sign-in page and prompt the user that "Password is at least 6 characters long". <p>Result: This alternate test passes when the message "Password is at least 6 characters long" is prompted out.</p> <p>Incorrect Password [Alternate Workflow 5]:</p> <ol style="list-style-type: none"> 1. Execute Workflow steps 1-2. 2. The user shall enter "test@test.com" as their email and "wrongpassword" as their password. 3. Execute Workflow step 4. 4. The system shall stay at the Sign-in page and prompt the user that
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	<p>"Authentication failed".</p> <p>Result: This alternate test passes when the message "Authentication failed" is prompted out.</p>
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A3: User Logout back to top	
Priority	High
Status	Tested
Description	The user is able to log out of their account.
User Goal	The user wants to be logged out of the application.
Desired Outcome	The user is logged out of their account.
Actor	Poster/Viewer
Dependent Test Cases	TC A1, A2
Requirements	SR A3
Pre-conditions	The user is logged in to their account.
Post-conditions	The user is logged out from their account.
Trigger	The user wants to log out from the application.
Workflow	<div>  </div> <ol style="list-style-type: none"> 1. The user shall click the button. 2. The system shall render “Me” page. 3. The user shall click the “Log out” button. 4. The system shall bring the user to the start page. <p>Result: This test passes when the user is brought to the start page.</p>
Alternate Workflow	N/A



A4: Password Recovery

[back to top](#)

Priority	Medium
Status	Tested
Description	The user can recover password upon forgetting password.
User Goal	The user wants to reset their password and logs into app using the new password.
Desired Outcome	The user changes their password.
Actor	Poster/Viewer
Dependent Test Cases	TC A1, A2
Requirements	SR A4
Pre-conditions	<ol style="list-style-type: none">1.The user is on the Sign-in page and forgets the password for email "cse110xodtesting@gmail.com".2.The user is logged in to their account with email "cse110xodtesting@gmail.com" , is on the "Change Password" page and forgets the password. [Alternate Workflow 1]3. Account with email "cse110xodtest@gmail.com" doesn't exist. [Alternate Workflow 3]
Post-conditions	The user's password is reseted.
Trigger	The user forgets their password and wants to recover the account.
Workflow	<ol style="list-style-type: none">1. The user shall enter "cse110xodtesting@gmail.com" as their email and click the Forget Password? button.2. The system shall verify the email format and the existence of the entered account.3. The system shall send a password recovery email to "cse110xodtesting@gmail.com" and prompt "Your password reset link is sent to your email".4. The user shall click on the link in their email and set "password" as their new password.5. The system shall reset the password for the user. <p>Result: This test passes when the user is be able to login in the application with email "cse110xodtesting@gmail.com" and password "password" in the Sign-in page.</p>
Alternate Workflow	Recover password from "Change Password" page [Alternate Workflow 1]: <ol style="list-style-type: none">1. The user shall click the Forget Password? button.2. The system shall send a password recovery email to the user and prompt "Your password reset link is sent to your email".


	<p>3. The user shall click on the link in their email and set “password” as their new password.</p> <p>4. The system shall reset the password for the user.</p> <p>5. The system shall direct the user to the start page.</p> <p>Result: This alternate test passes when the user is able to login in the application with email “cse110xodtesting@gmail.com” and password “password” in the Sign-in page.</p> <p>Invalid Email Format [Alternate Workflow 2]:</p> <p>1. The user shall enter “cse110xodtesting@gmail” as their account.</p> <p>2. The user shall click the Forget Password? button.</p> <p>3. The system shall prompt “Please enter a valid Email!”.</p> <p>Result: This alternate test passes when the message “Please enter a valid Email!” is prompted.</p> <p>Account does not exist [Alternate Workflow 3]:</p> <p>1. The user shall enter “cse110xodtest@gmail.com” as their email and then click the Forget Password? button.</p> <p>2. The system shall prompt “Email is not found.”.</p> <p>Result: This alternate test passes when the message “Email is not found” is prompted.</p>
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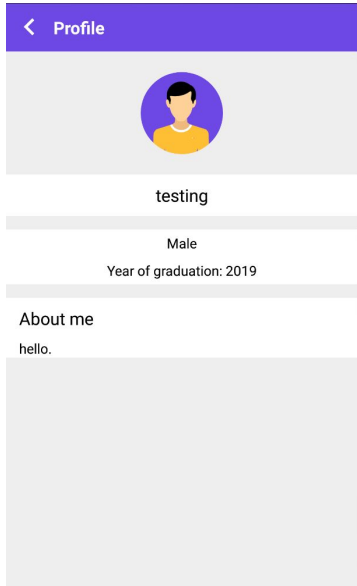
A5: Change Password back to top	
Priority	Medium
Status	Tested
Description	The user can change their password on “Me” page.
User Goal	The user wants to reset their password.
Desired Outcome	The password has been reset.
Actor	Poster/Viewer
Dependent Test Cases	TC A1, A2
Requirements	SR A5
Pre-conditions	<p>The user is logged in to their account with email “test@test.com”, password “password” and is on the “Me” page. [main workflow and Alternate Workflow 1-3]</p> <p>The user is logged in to the app with google account, and is on the “Me” page.[Alternate Workflow 4]</p>

Post-conditions	The user can login with a new password.
Trigger	The user wants to change their password.
Workflow	<p style="text-align: center;">  Change Password </p> <ol style="list-style-type: none"> 1. The user shall click the button. 2. The system shall navigate the user to the "Change Password" page. 3. The user shall enter their old password "password", new password "newpassword" and re-enter the same password to confirm password. <p style="text-align: center;">  </p> <ol style="list-style-type: none"> 4. The user shall click the button. 5. The system shall verify the old password and new password. 6. The system shall change the password and prompt that "Your Password has been Changed!". 7. The system shall navigate the user to the start page. <p>Result: This test passes when the user is directed to the start page and the user is able to login in the application on the Sign-in page with email "test@test.com" and password "newpassword".</p>
Alternate Workflow	<p>Wrong Old Password [Alternate Workflow 1]:</p> <ol style="list-style-type: none"> 1. Execute Workflow steps 1-2. 2. The user shall enter "wrongpassword" as their old password, new password "newpassword" and re-enter the same password to confirm password. 3. Execute Workflow step 4. 4. The system shall stay on "Me" page and prompt that "The password is invalid or the user does not have a password.". <p>Result: This alternate test passes when the message "The password is invalid or the user does not have a password." is prompted.</p> <p>New Password Too Short [Alternate Workflow 2]:</p> <ol style="list-style-type: none"> 1. Execute Workflow steps 1-2. 2. The user shall enter "password" as their old password, new password "short" and re-enter the same password to confirm password. 3. Execute Workflow step 4. 4. The system shall prompt that "The given password is invalid: [Password should be at least 6 characters]". <p>Result: This alternate test passes when the message "The given password is invalid: [Password should be at least 6 characters]" is prompted.</p> <p>Confirm Passwords Not Match [Alternate Workflow 3]:</p> <ol style="list-style-type: none"> 1. Execute Workflow steps 1-2. 2. The user shall enter their old password "password", new password "newpassword" and enter "different" as confirm password. 3. Execute Workflow step 4. 4. The system shall stay on "Me" page and prompt that "Please make sure your new password is the same as your confirm password!".




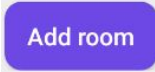
	<p>Result: This alternate test passes when the message "Please make sure your new password is the same as your confirm password!" is prompted.</p> <p>The user logs application using Google sign-in [Alternate Workflow 4]:</p> <ol style="list-style-type: none">1. Execute Workflow step 1.2. The system shall prompt " You can only change your password if you sign up using email, please change your Google password if you use Google login!" <p>Result: This alternate test passes when the message "You can only change your password if you sign up using email, please change your Google password if you use Google login!" is prompted.</p>
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A6: Edit Personal Profile back to top	
Priority	High
Status	Tested
Description	The user will be able to edit their personal information.
User Goal	The user wants to be able to edit and display their profile information to other users.
Desired Outcome	The user will have edited their profile information.
Actor	Poster/Viewer
Dependent Test Cases	TC A1, A2
Requirements	SR A6
Pre-conditions	<p>1. The user is logged in with account "cse110xodtesting@gmail.com" and on "Me" page.</p> <p>2. The user's current profile is the following.</p> 
Post-conditions	The user's profile is edited.
Trigger	The user wishes to edit their personal information
Workflow	<p>1. The user shall click the  Edit Profile button.</p> <p>2. The system shall render the "Edit Profile" page with user's existing profile shown in pre-conditions.</p> <p>3. The user shall edit the profile by changing "Year of graduation" field from 2018 to 2019.</p>

	<div><div>SAVE</div><div>4. The user shall click button.</div><div>5. The system shall update profile and navigate to "Me" page.</div><div>Result: This test passes when the user's profile is updated as the following result and the user is directed to "Me" page.</div><div><div>< Profile</div><div></div><div>testing</div><div>Male</div><div>Year of graduation: 2019</div><div>About me</div><div>hello.</div></div></div>
Alternate Workflow	<div>Empty "Name" field:</div> <div>1. Execute Workflow steps 1-2.</div> <div>2. The user shall change "Name" field to empty.</div> <div>3. The system shall prompt "Please enter a valid name!".</div> <div>Result: This alternate test passes when the message "Please enter a valid name!" is prompted.</div>

A7: View User's Profile back to top	
Priority	High
Status	Tested
Description	View any user's personal profile page.
User Goal	The user can view any user's profile.
Desired Outcome	The user views any user's profile.
Actor	Poster/Viewer
Dependent Test Cases	TC A1, A2, A6
Requirements	SR A7
Pre-conditions	The user is logged in and is on a page with the user with name "testing" 's avatar.
Post-conditions	The profile of the user with name "testing" is rendered.
Trigger	The user wants to view any user's profile.
Workflow	<p>1. The user shall click on the avatar of the user with name "testing". 2.The system shall navigate the user to the user "testing" 's profile page.</p> <p>Result: This test passes when testing's profile is displayed as following.</p>  <p>The screenshot shows a mobile app interface for a user profile. At the top is a purple header bar with a back arrow and the word 'Profile'. Below this is a circular profile picture of a person with black hair wearing a yellow shirt. Under the picture is the name 'testing'. Below the name are two lines of text: 'Male' and 'Year of graduation: 2019'. Further down is a section titled 'About me' with the text 'hello.' and a large grey rectangular area below it.</p>
Alternate Workflow	N/A

Housing


H1: Create New Housing Post back to top	
Priority	High
Status	Tested
Description	The user can add their own housing post to the app.
User Goal	The user wants to add their own housing posts containing their releasing information.
Desired Outcome	A new housing post containing the user house's information is created.
Actor	Poster
Dependent Test Cases	TC A1, A2
Requirements	SR H1
Pre-conditions	The user with name "Shijie Ji" is logged in and is on "Housing" page.
Post-conditions	A new housing post is added to the app.
Trigger	The user wants to create a new housing post.
Workflow	 <ol style="list-style-type: none"> 1. The user shall click on  button. 2. The system shall navigate to "Add Post" page. 3. The user shall click  button to add pictures for their house. 4. The user shall enter "2B2B near UTC @Towers at Costa Verde" as post title. 5. The user shall choose monthly as lease length. 6. The user shall choose Jul 7, 2018 as leasing start date. 7. The user shall click  button. 8. The user shall click Master Bedroom as room type. 9. The user shall enter "1100" as Price Per Month. 10. The user shall enter "8875 Costa Verde Blvd" as street address. 11. The user shall enter "La Jolla" as City. 12. The user shall choose 2 as Number of Bedrooms. 13. The user shall choose 2 as Number of Bathrooms. 14. The user shall check the box of "AC", "Parking", "Gym", "Building-in Laundry" and "Bus" under "Facilities and Facts". 15. The user shall enter "Best luxury experience here at Towers!" as

	<p>Description.</p> <div><div>SUBMIT</div></div> <p>16. The user shall click button.</p> <p>17. The system shall navigate to “Housing” page and show the post that the user has just created with the other posts.</p> <p>Result: This test passes when the following post is created and can be viewed.</p> <div><div><div><div>< Post</div><div></div><div>1 / 1</div></div><div><div>2B2B · Apartment</div><div>2B2B near UTC @Towers at Costa Verde</div><div>8875 Costa Verde Blvd, La Jolla posted by Shijie Ji</div><div>Best luxury experience here at Towers!</div><div><div>Available Rooms</div><div>Master Bedroom</div><div>\$ 1100/MO</div></div><div><div>Facts and Features</div><div><div>AC set Equipped</div><div>Parking Reserved Parking</div><div>TV No Data</div><div>Gym Equipped</div><div>Pets Not Allowed</div><div>Bus Close to Bus Station</div><div>Video Game No Data</div><div>Laundry Built-in Laundry</div></div><div><div>Location</div><div></div><div><div>\$ 1100 per month Monthly · From Jul 7, 2018</div><div>Contact</div></div></div></div></div><div><div>Available Rooms</div><div>Master Bedroom</div><div>\$ 1100/MO</div><div><div>Facts and Features</div><div><div>AC set Equipped</div><div>Parking Reserved Parking</div><div>TV No Data</div><div>Gym Equipped</div><div>Pets Not Allowed</div><div>Bus Close to Bus Station</div><div>Video Game No Data</div><div>Laundry Built-in Laundry</div></div><div><div>Location</div><div></div><div><div>\$ 1100 per month Monthly · From Jul 7, 2018</div><div>Contact</div></div></div></div></div></div></div>
Alternate Workflow	<p>Incomplete Post Information [Alternate Workflow]:</p> <ol style="list-style-type: none">1. Execute Workflow steps 1-14.2. Execute Workflow step 16.3. The system shall stay in the same page and displays the message “Please fill in all the information!”. <p>Result: This test passes when the message “Please fill in all the information!” is prompted out.</p>

H2: View Housing Post back to top	
Priority	High
Status	Tested
Description	The user can view any user's housing post(s).
User Goal	The user wants to review existing housing post(s).
Desired Outcome	The user can view existing post(s).
Actor	Poster/Viewer
Dependent Test Cases	TC A1,A2, H1
Requirements	SR H2
Pre-conditions	<ol style="list-style-type: none"> 1.The user with name "Shijie Ji" is logged in and on "Housing" page. 2. There is a housing post with title "2B2B near UTC @Towers at Costa Verde". 3. The housing post with title "2B2B near UTC @Towers at Costa Verde" is in the user's favorite list. [Alternate Workflow 1] 4. The housing post with title "2B2B near UTC @Towers at Costa Verde" is created by this user "Shijie Ji".[Alternate Workflow 2]
Post-conditions	A housing post page with title "2B2B near UTC @Towers at Costa Verde" is rendered.
Trigger	The user wants to view housing posts.
Workflow	<ol style="list-style-type: none"> 1. The system shall render a list of housing posts. 2. The user shall click on the post with title "2B2B near UTC @Towers at Costa Verde". 3. The system shall navigate to that housing post page. <p>Result: This test passes when the following housing post is displayed.</p>

- Result: This alternate test passes when the following housing post is displayed.

< Post
♥



2B2B · Apartment

2B2B near UTC @Towers at Costa Verde

8875 Costa Verde Blvd, La Jolla
posted by Shijie Ji

E

Best luxury experience here at Towers!

Available Rooms


 Master Bedroom

\$ 1100/MO

Facts and Features





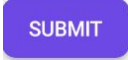
- ❄ AC set Equipped
- P Parking Reserved Parking
- 📺 TV No Data
- 🏋 Gym Equipped
- 🐾 Pets Not Allowed
- 🚗 Bus Close to Bus Station
- 🎮 Video Game No Data
- 🧺 Laundry Built-in Laundry






Location
HOUSING



\$ 1100 per month
Monthly · From Jul 7, 2018

Contact





H3: Edit My Housing Post back to top	
Priority	High
Status	Tested
Description	The user can edit their housing posts.
User Goal	The user wants to update their posts
Desired Outcome	The user can update the information of their posts.
Actor	Poster
Dependent Test Cases	TC A1, A2, H1
Requirements	SR H3
Pre-conditions	1. The user is logged in and is on "My Post" page. 2. The user has created a housing post named "2B2B near UTC @Towers at Costa Verde".
Post-conditions	The user's post is updated accordingly to the edit.
Trigger	The user wants to update their posts or fix some errors in their posts.
Workflow	<p>1. The user shall click the  icon at upper-right screen.</p> <p>2. The system shall render  at right of the post.</p> <div data-bbox="566 1228 1057 1331">  </div> <p>3. The user shall click on the .</p> <p>4. The system shall navigate the user to "Edit Post" page.</p> <p>5. The user shall change the leasing length from Monthly to Quarterly.</p> <p>6. The user shall click on  button.</p> <p>7. The system shall update the info of that post and navigate to "My Post" page.</p> <p>Result: This test passes when the post is updated as shown below.</p>



H4: Delete My Housing Posts back to top	
Priority	High
Status	Tested
Description	The user can delete their post.
User Goal	The user wants to delete their post to stop promoting a house.
Desired Outcome	Housing post is deleted.
Actor	Poster
Dependent Test Cases	TC A1, A2, H1, H2
Requirements	SR H4
Pre-conditions	1.The user is on “My Post” page. 2.The user has created a post with name “2B2B near UTC @Towers at Costa Verde”.
Post-conditions	Post is deleted and can no longer be seen by other users.
Trigger	1. Poster reached agreement with a roommate or rentee and wants to stop promoting. 2. Poster gives up all current activities and wants to stop receiving contact from other users.
Workflow	<p>1. The user shall click the  icon at the upper-right screen.</p> <p>2. The system shall render a  button at the left of each post.</p> <div data-bbox="565 1329 1058 1438">   </div> <p>3. The user shall click the  button.</p> <p>4. The system shall render a window prompt asking the user that “Are you sure you want to delete this post? The action cannot be reversed.”</p> <p>5. The user shall click “DELETE” button.</p> <p>6. The system shall delete all data associated with the post and clear the post on “My Post” page.</p> <p>Result: This test passes when the post with title “2B2B near UTC @Towers at Costa Verde” no longer exists.</p>

Alternate Workflow	<p>Cancel deletion [Alternate Workflow]:</p> <ol style="list-style-type: none">1. Execute Workflow steps 1-4.2. The user shall click "CANCEL" button.3. The system shall remove the window prompt and stay at My Post page without making any change. <p>Result: This test passes when the post with title "2B2B near UTC @Towers at Costa Verde" still exists on "My Post" page.</p>
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H5: Add Housing Posts to My Favorite List


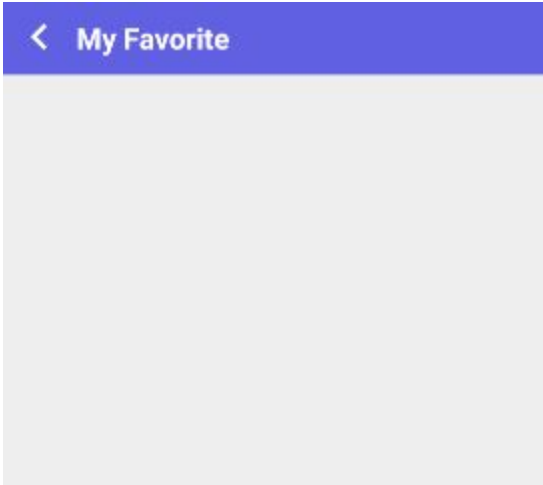


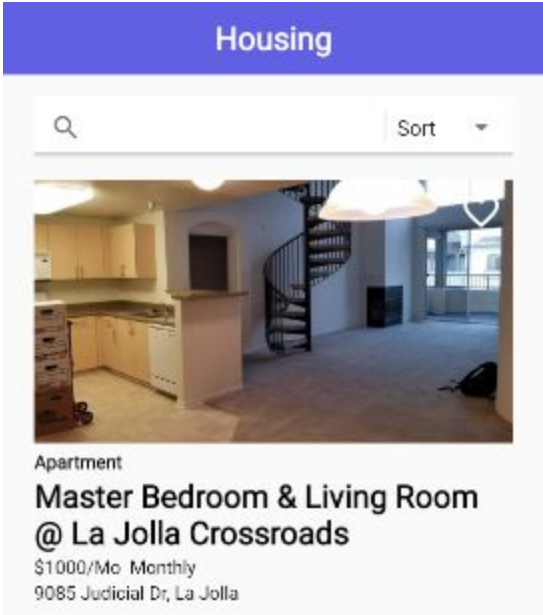
[back to top](#)


Priority	Medium
Status	Tested
Description	The user can add housing posts that they are interested into "My Favorite" so that they can quick access the posts later.
User Goal	The user wants to select and keep control of a personal list of posts that they will be focus on.
Desired Outcome	The user add a housing post to a favorite list.
Actor	Viewer
Dependent Test Cases	TC A1, A2, H1, H2
Requirements	SR H5
Pre-conditions	The user is properly logged in and on "Housing" page where some posts exists. Or the user is on a particular post page.
Post-conditions	Favorite icon at upper right of post is red  and the user can find this post at favorite list page.
Trigger	The user is interested in particular posts.
Workflow	<p>1. The user shall click the  icon at the upper right of the post with title "Master Bedroom & Living Room @ La Jolla Crossroads".</p> <p>2. The system shall save the post with title "Master Bedroom & Living Room @ La Jolla Crossroads" to the user's favorite list.</p> <p>3. The system shall make the favorite icon red .</p> <p>Result: This test passes when:1. The icon becomes red of the housing post with title "Master Bedroom & Living Room @ La Jolla Crossroads".</p>  <p>Apartment Master Bedroom & Living Room @ La Jolla Crossroads \$1000/Mo Monthly 9085 Judicial Dr, La Jolla</p> <p>2. The user can see the housing post with title "Master Bedroom & Living</p>

	<div>Room @ La Jolla Crossroads” when they click on the Button at Me page.</div> <div><div>< My Favorite</div><div><div><div><div>Master Bedroom & Living Room @ La Jolla Crossroads</div><div><div>\$ 1000/Mo From Jun 17, 2018</div><div>9085 Judicial Dr, La Jolla</div></div></div><div></div></div></div></div>
Alternate Workflow	N/A

H6: View Favorite List back to top	
Priority	Medium
Status	Tested
Description	The user can see a list of the favorite posts they saved previously.
User Goal	The user wants to see their favorite posts.
Desired Outcome	The user can see a list of their favorite posts.
Actor	Viewer
Dependent Test Cases	TC A1, A2, H1, H5
Requirements	SR H6
Pre-conditions	1.The user is logged in. 2.The user is on “Me” page. 3. The user has only saved 1 post into their favorite list with name “Master Bedroom & Living Room @ La Jolla Crossroads”.
Post-conditions	The user can see a list of their favorite posts.
Trigger	The user wants to see their favorite posts.
Workflow	<ol style="list-style-type: none"> 1. The user shall click on  My Favorite button. 2. The system shall navigate to “My Favorite” page. 3. The system shall render the favorite list saved by the user. <p>Result: This test passes when the user can only see the housing post with title “Master Bedroom & Living Room @ La Jolla Crossroads” in their favorite list.</p> 
Alternate Workflow	N/A

H7: Remove Post from Favorites back to top	
Priority	Medium
Status	Tested
Description	The user can delete a housing post from their favorite list.
User Goal	The user wants to remove a housing post from favorite list.
Desired Outcome	The user deletes a housing post from favorite list.
Actor	Viewer
Dependent Test Cases	TC A1, A2, H1, H2, H5, H6
Requirements	SR H7
Pre-conditions	<p>1. The user is on My Favorite page with housing post “Master Bedroom & Living Room @ La Jolla Crossroads” the only favorite post shown.</p>  <p>2. The user is on Post page of housing post “Master Bedroom & Living Room @ La Jolla Crossroads” with  icon marked:</p> 



Post-conditions	Deleted post disappears from user's favorite list.
Trigger	The user loses interest in a housing post.
Workflow	<p>1. The user shall click  icon on the post.</p> <p>2. The system shall remove the post from favorite list and render a favorite list page without the removed post.</p> <p>Result: This test passes when:</p> <p>1. My Favorite page is emptied.</p>  <p>2. When user clicks  button, they can find  icon becomes transparent on Housing page:</p> 

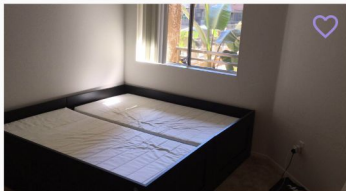
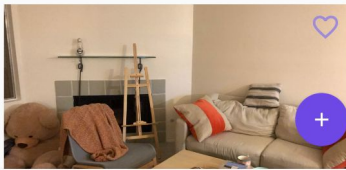





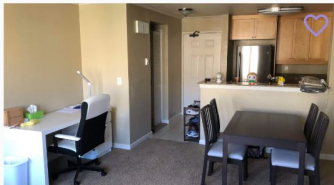




3. When user clicks the post, they can find  icon becomes transparent on Post page:





Alternate Workflow




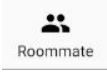
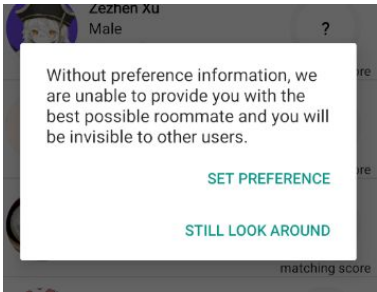

N/A


H8: Sort Housing Posts back to top	
Priority	Medium
Status	Tested
Description	The user can sort the post they see according to specific criteria.
User Goal	The user wants to see posts in sorted order of specific feature.
Desired Outcome	The user sees posts in sorted order of specific feature.
Actor	Viewer
Dependent Test Cases	TC A1, A2, H1, H2
Requirements	SR H8
Pre-conditions	The user is on "Housing" page.
Post-conditions	The posts is sorted in specific order.
Trigger	The user wants to see the housing posts in a sorted order.
Workflow	<div>  </div> <ol style="list-style-type: none"> 1. The user shall click the  button at upper-right of the page. 2. The system shall render a list of sorting criteria. 3. The user shall choose "Price: low to high" in the rendered list of criteria. 4. The system shall apply the sorting and display posts based on the chosen criteria. <p>Result: This test passes when the following housing list is rendered.</p>





	<div><div><div><div><div>Housing</div><div><div><div><div><div><div></div><div>Pri...</div></div></div><div><div><div><div><div></div><div><div>Apartment</div><div>Costa Verde</div><div>\$600/Mo Annually</div><div>8730 Costa Verde Blvd, La Jolla</div></div></div></div><div><div><div><div></div><div><div>Apartment</div><div>1B1B Villa Vicenza Summer 2 Leasing</div><div>\$800/Mo Monthly</div><div>3520 Lebon Drive, San Diego</div></div></div></div></div><div><div><div><div><div>Housing</div><div>Roommate</div><div>Chat</div><div>Me</div></div></div></div></div><div><div><div><div><div>Housing</div><div><div><div><div><div></div><div><div>Town House</div><div>Town House Close to School, La Jolla Terrace</div><div>\$625/Mo Annually</div><div>3127A Evening Way, San Diego</div></div></div></div><div><div><div><div></div><div><div>Apartment</div><div>1B1B Villa Vicenza Summer 2 Leasing</div><div>\$800/Mo Monthly</div><div>3520 Lebon Drive, San Diego</div></div></div></div></div><div><div><div><div><div>Housing</div><div>Roommate</div><div>Chat</div><div>Me</div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div>	Alternate Workflow
	N/A	


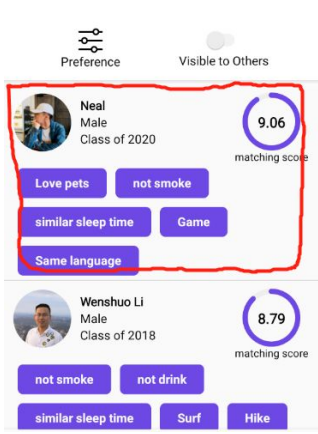

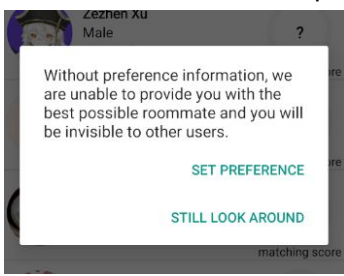
Roommate

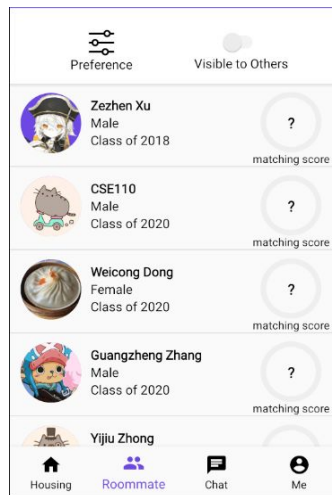
R1: Set Preference		back to top
Priority	High	
Status	Tested	
Description	The user can set personal preference.	
User Goal	The user wants to find their favorite roommates.	
Desired Outcome	The system can get preference information of the user.	
Actor	Viewer/Poster	
Dependent Test Cases	TC A1, A2	
Requirements	SR R1	
Pre-conditions	The user is logged in and is on the “Me” Page.	
Post-conditions	System gets all necessary information to perform an evaluation on suitable roommates.	
Trigger	The user wants to find suitable roommates.	
Workflow	<div> <div>  My Preference </div> <div>button.</div> </div> <ol style="list-style-type: none"> The user shall click The system shall navigate the user to My Preference page. <div> <div>  My Preference </div> <div> <p>What time do you sleep? 9PM - 6AM</p> <p>How many times did you clean the public area last week? 0 - 7 times</p> <p>Will you bring other people to stay overnight?</p> <p>Yes No Maybe</p> <p>Do you have a pet?</p> <p>Yes No</p> <p>Are you planning on hosting parties?</p> <p>Yes No Maybe</p> <p>Hobbies</p> <p>Surfing <input type="checkbox"/></p> <p>Hiking <input type="checkbox"/></p> <p>Skiing <input type="checkbox"/></p> </div> </div> <ol style="list-style-type: none"> The user shall choose “1 AM” for question “What time do you sleep?” The user shall choose “3 times” for question “How many times did you 	

	<p>clean the public area last week?".</p> <p>5. The user shall choose "Maybe" for question "Will you bring other people to stay overnight?".</p> <p>6. The user shall choose "Yes" for question "Do you have a pet?".</p> <p>7. The user shall choose "Maybe" for question "Are you planning on housing parties?".</p> <p>8. The user shall check the box of "Surfing" under "Hobbies" like this:</p> <p>Surfing </p> <p>9. The user shall check the box of "Hiking" under "Hobbies" like this:</p> <p>Hiking </p> <p>10. The user shall choose "No" for question "Do you smoke?".</p> <p>11. The user shall choose "No" for question "Do you drink?".</p> <p>12. The user shall choose "Chinese" as their First Language.</p> <p></p> <p>13. The user shall click button.</p> <p>14. The system shall save the user's preference data.</p> <p>Result: This test passes when the user's preference is set to be the selected preference and saved in the database.</p>
<p>Alternate Workflow</p>	<p>User hasn't finished the preference form [Alternate Workflow 1]:</p> <p>1. The user shall click on the  button on navigation bar.</p> <p>2. The system shall navigate the user to Roommate page.</p> <p>3. The system shall render a window saying that without preference information, it is unable to provide roommate scoring like the following:</p>  <p>4. The user shall click  button.</p> <p>5. Execute Workflow steps 2-14.</p> <p>Result: This alternate test passes when the user's preference is set to be the selected preference and saved in the database.</p> <p>Empty field [Alternate Workflow 2]:</p>

	<p>1. Execute Workflow steps 1-10.</p> <p>2.The user shall click  button while not finishing the last two questions in the form.</p> <p>3.The System shall prompt a message “Please finish the survey.”</p> <p>Result: This alternate test passes when the message “Please finish the survey” is prompted out.</p>
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R2: Set Visibility to Other users back to top	
Priority	Medium
Status	Tested
Description	The user can make their information visible in other users' roommate page.
User Goal	The user wants other users to see their information in roommate page.
Desired Outcome	All users can see user who set their status visible in roommate page.
Actor	Poster
Dependent Test Cases	TC A1, A2, R1
Requirements	SR R2
Pre-conditions	<p>1.The user with name “Neal” is logged in and is on the Roommate page.</p> <p>2. The switch is off  .</p> <p>3. The user doesn't set their preference.[Alternate Workflow 1& Alternate Workflow 2]</p>
Post-conditions	<p>The switch is on  and the user(Neal)'s information appears on other users' Roommate page.</p>
Trigger	The user wants other users to know about them in order to find suitable roommates.
Workflow	<p>1. The user shall click the switch  at upper-right of the page.</p> <p>2. The system shall turn the “Visible to Others” key on  .</p> <p>3. The system shall render the user's information on all other user's</p>

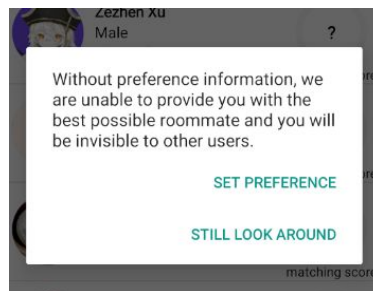
	<p>Roommate page.</p> <p>Result: This test passes when the switch is on  and the user with name “Neal” has his information renders on all other user’s Roommate page like following:</p> 
Alternate Workflow	<p>Roommate Preference Not Set 1 [Alternate Workflow 1]:</p> <ol style="list-style-type: none">1. The user shall click  at upper-right of the page.2. The system shall render a window saying that without preference information, it is unable to provide roommate scoring like the following:  <ol style="list-style-type: none">3. The user shall click STILL LOOK AROUND button.4. The system shall stay at Roommate page with a roommate list without matching scores.




Result: This alternate test passes when the screen in Alternate Workflow step 4 is correctly displayed.

Roommate Preference Not Set 2 [Alternate Workflow 2]:

1. The user shall click  button at upper-right of the page.
2. The system shall render a window saying that without preference information, it is unable to provide roommate scoring like the following:



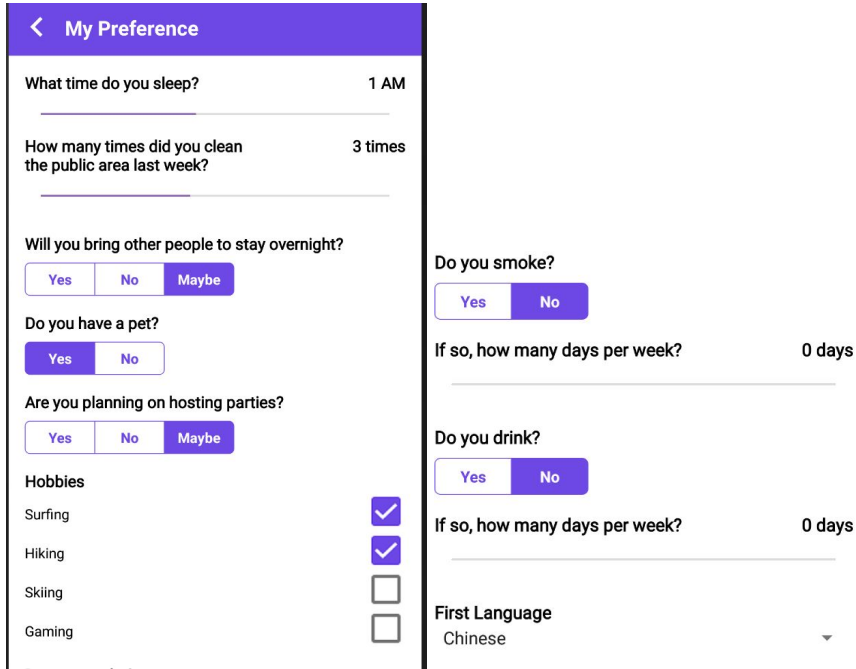

3. The user shall click  button.
4. The system shall navigate the user to My Preference page.










Result: This alternate test passes when the system directs the user to My Preference page.

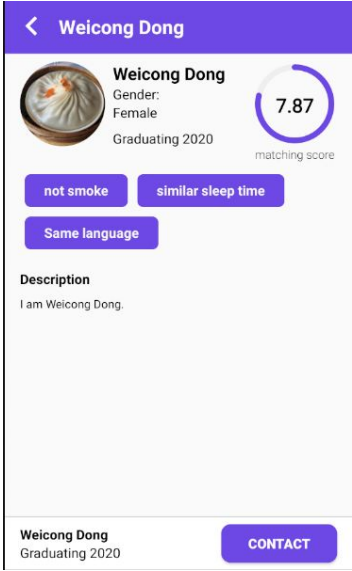

R3: View Recommended Roommate List

[back to top](#)

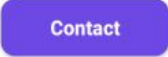

Priority	Medium
Status	Tested
Description	The user can view a list of roommates with matching score.



User Goal	The user wants to find suitable roommates.
Desired Outcome	Users can see a list of roommates with matching scores.
Actor	Viewer/Poster
Dependent Test Cases	TC A1, A2, R1, R2
Requirements	SR R3
Pre-conditions	<p>1. The user is logged in. 2. The user has set preference information as the following.</p> 
Post-conditions	A list of roommates is shown with matching scores.
Trigger	The user wants to find suitable roommates.
Workflow	<p>1. The user shall click on the  button on navigation bar.</p> <p>2. The system shall render the “Roommate” page and access the preference data of the user and generate matching score of each other users whose status is set to “visible to others”.</p> <p>3. The system shall render a roommate list sorted by matching score on Roommate page.</p> <p>Result: This test passes when the system renders the following list of roommates with matching scores.</p>

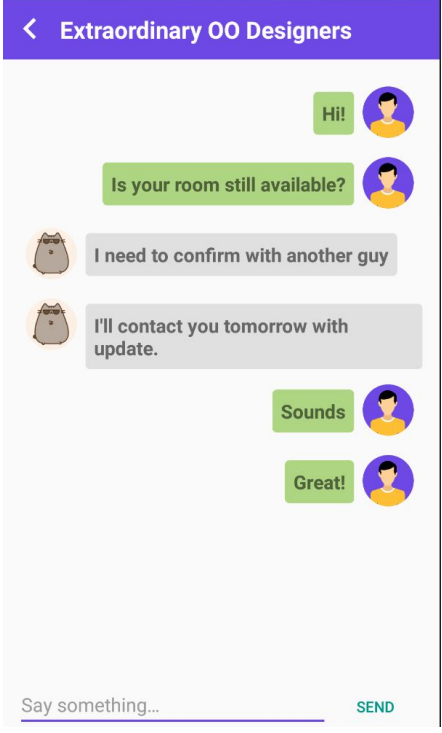


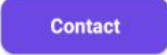
	<div><div>Roommate</div><div><div> Preference</div><div> Visible to Others</div></div><div><div><div><div>Neal</div><div>Male</div><div>Class of 2020</div></div><div><div>8.47</div><div>matching score</div></div><div><div>Love pets</div><div>not smoke</div><div>similar sleep time</div><div>Same language</div></div></div><div><div><div><div>Weicong Dong</div><div>Female</div><div>Class of 2020</div></div><div><div>8.24</div><div>matching score</div></div><div><div>not smoke</div><div>not drink</div><div>similar sleep time</div><div>Same language</div></div></div><div><div><div><div>Guangzheng Zhang</div><div>Male</div><div>Class of 2020</div></div><div><div>8.18</div><div>matching score</div></div><div><div>not smoke</div><div>not drink</div></div></div><div><div> Housing</div><div> Roommate</div><div> Chat</div><div> Me</div></div></div></div></div></div>
Alternate Workflow	N/A

R4: View Roommate Post back to top	
Priority	Medium
Status	Tested
Description	The user can view individual roommate post.
User Goal	The user wants to see detailed information of a roommate candidate.
Desired Outcome	The user sees detailed information of a roommate candidate.
Actor	Viewer/Poster
Dependent Test Cases	TC A1, A2, A6, R1, R3
Requirements	SR R4
Pre-conditions	The user is on Roommate page and there is at least one roommate post.
Post-conditions	<p>The system renders a roommate post page to the user.</p> 
Trigger	The user is interested in particular roommate candidate.
Workflow	<p>1. The user shall click on a particular roommate post.</p> 

Chat

C1: Start a New Chat back to top	
Priority	Medium
Status	Tested
Description	The viewer can start a new in-app conversation with the poster.
User Goal	The viewer wants to contact the poster of the post they are interested in.
Desired Outcome	The viewer shall be able to type in messages and send to the poster.
Actor	Viewer
Dependent Test Cases	TC A1, A2, A6, H2
Requirements	SR C1
Pre-conditions	The user is logged in and on a particular Housing Post page or roommate profile page.
Post-conditions	The user is on the chat page and can send a message to the poster.
Trigger	The viewer wants to contact the poster.
Workflow	<div>1. The user shall click  button.</div> <div>2. The system shall navigate the user to chat page with the specific poster.</div> <div>3. The user shall type in the message in the text field.</div> <div>4. The user shall click  button to send the message.</div> <div>5. The system shall render the user's message in green bar at right of the screen and notify the other user.</div> <div>Result: This test passes when the system render the user's message in green bar at right of the screen and the other user successfully accepts the message sent.</div>
Alternate Workflow	N/A


C2: Open Existing Chat back to top	
Priority	Medium
Status	Tested
Description	The user should be able to open previous conversations in order to contact the same user again.
User Goal	The user wants to talk to user who they have previously talked to.
Desired Outcome	The user can continue their conversation with the same user.
Actor	Viewer/Poster
Dependent Test Cases	A2, C1
Requirements	SR C2
Pre-conditions	1.The user has logged in. 2.The user has an existing conversation with user “Extraordinary OO Designers”. 3. The user “Extraordinary OO Designers” has a housing post with title “Master Bedroom & Living Room @ La Jolla Crossroads”.[Alternate Workflow]
Post-conditions	The user is able to see the previous conversations
Trigger	The user wants to contact another user who they have previously talked to.
Workflow	<div>  </div> 1. The user shall click on the  button on the navigation bar. 2. The system shall render all the existing conversations. 3. The user shall click on the existing chat with user “Extraordinary OO Designers”. 4. The system shall render the chat window with user “Extraordinary OO Designers” Result: This test passes when the system renders the existing chat window with user “Extraordinary OO Designers” as following.

	
Alternate Workflow	<div data-bbox="813 982 894 1035"> Housing</div> <ol style="list-style-type: none">1. The user shall click  button on navigation bar.2. The system shall navigate the user to Housing page.3. The user shall click on the post with title "Master Bedroom & Living Room @ La Jolla Crossroads".4. The system shall navigate the user to Post page of the post with title "Master Bedroom & Living Room @ La Jolla Crossroads".5. The user shall click on  button.6. The system shall navigate the user to chat page to the user "Extraordinary OO Designers". <p>Result: This test passes when the system renders the existing chat window with user "Extraordinary OO Designers" as following.</p>


< Extraordinary OO Designers

Hi!

Is your room still available?



I need to confirm with another guy



I'll contact you tomorrow with update.

Sounds

Great!

Say something...

SEND

