

CSE 115A – Introduction to Software Engineering

Test Plan and Report

EcoConnect 7/22/24

Sprint 1

A. User story 1: As a community member, I want to be able to register and create a profile on EcoConnect so I can start exchanging and offering services.

Scenario 1: Create a new account

1. Start app
2. Input phone number (not 10 digits)
3. Click continue and see error message
4. Input phone number (10 digits)
5. Click continue, be directed to security code page, input security code
6. Click confirm, if new user go to account information set up page if not go to main app navigator

B. User story 2: As a community user, I want navigation to application pages to be accessible so that anyone in the community can use it without confusion.

Scenario 2: View main pages of the application

1. Start the app and login
2. Press a not selected bottom navigation button.
3. See the screen change to that page
4. Repeat step 3 for each tab listed on the bottom navigation bar

Sprint 2

A. User Story 1: As a user, I want to be able to sign in or register, and connect with those living in my community

Scenario 1: Sign in with email and password

1. Start app
2. Click sign in with email and password
3. At the pop up enter:
 - a. Email = <email>
 - b. Password = <password>
 - c. Click submit
4. Be directed to the main application navigator

Scenario 2: Sign in with google

1. Start app
2. Click sign in with google

3. Select account to sign into
4. Be directed to the main application navigator

B. User Story 2: As a community user, I want to view available services in the neighborhood to find services that help me/meet my needs.

Scenario 3: Find posts

1. Start app and login
2. Be directed to main application navigator where all posts are listed by default
3. Scroll through tag categories
4. Select a tag
 - a. Confirm that the posts listed are all the posts with the service type = tag
5. Click the tag again to confirm it unselects and all posts are shown again

C. User Story 3: As a community user I want to post a service listing in the neighborhood so other members can request my services.

Scenario 4: Make a post

1. Start the app and login
2. Click add to a service
3. Fill in the fields
 - a. Title = <title of the post>
 - b. Body = <body of the post>
 - c. Select from drop down menu for service type
 - i. Verify if a field is empty, warning message pops up
4. Click post
5. Check to see if post is present in the listings page and information provided is correct

D. User Story 4: As a community user I want to be able to communicate with other members of the app.

Scenario 5: Direct message

1. Start the app and login
2. Click:
 - a. Post's message button
 - b. Members search
 - i. Message button
 - c. Bottom right message button
3. Type in text field and send
4. Verify contents shows up on screen

Sprint 3

A. User Story 1: As a community member, I want to see a map of available services in my area.

Scenario 1: View posts by location

1. Start the app and login
2. Click the view map button

B. User Story 2: As a community member, I want to see ratings and reviews for services to make well-informed decisions.

Scenario 2: rate posts

1. Start the app and login
2. Navigate through DMs to a users profile
3. View profile, see the current star rating
4. Click the star amount to give the rating

Scenario 3: comment on posts

1. Start the app and login
2. Click on a post
3. View comments under the post
4. Type in text field
5. Click comment
6. View what was typed as a comment

C. User Story 3: As a community member I want to receive reminders for upcoming service appointments.

Scenario 4: notifications

1. Start the app and login
2. Agree to allow notifications
3. Get notification when a message is sent by another user