CSE 115A – Introduction to Software Engineering Release Summary

Product: EcoConnect

Team Name: EcoConnect

Jul 22, 2024

Key user stories and acceptance criteria: Give a list of key user stories with their acceptance criteria that can serve as a guide for an acceptance test.

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.
1. Upon starting the app, the user is met with a user interface matching the theme with an option to sign in.
2. The user can enter their user credentials into a textfield
3. Only when the user's entered information is authenticated will it proceed to the main part of the app. If the user's identifier information (phone number) is new the user should be prompted to enter their user information (name and bio).

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.
1. Following the user login, the main page shown should be a list of posts in the database for the user to see.
2. The list of posts will be scrollable in chronological order.

User Story 3: As a community user I want to post a service listing in the neighborhood so other members can request my services.
1. On the main page of the app there will be an option to create a new listing.
2. Clicking on this page should take the user to a new page where they can fill in their post data.
3. The listening title, body and category must be filled in by the user in order to post.
4. Once the user presses 'post' they will be taken back to the previous page where they can view the post they just made.

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

1. Users will be able to access a direct message page

2. By clicking a recent message, all the messages between the two users will show in a scrollable format.
3. Be able to send a message to that user
4. Be able to receive messages from that user

User Story 5: As a community member, I want to see a map of other users in my area.

1. From the home page navigate to the map page
2. See the pins of other users on the map.

User Story 6: As a community member, I want to see ratings and reviews for services to make well-informed decisions.

1. Click on a post and be able to view comments under the post.
2. Add a comment to the post
3. Go to a user profile to view and review the user with a star rating

User Story 7: As a community member I want to receive reminders for upcoming service appointments.

1. When a direct message is sent to a user by another, the recipient should be able to see a notification of the event.

Known Problems: List the major bugs (you can reference your Test Report), omissions (missing functionality, edge cases that are not handled), design shortcuts (e.g. hard coded data), etc.

1. Login
   a. Sign In with a new phone number fails to send a verification code.
   b. Repcaptcha expiration causes login with phone number to work only with the SMS service.
   c. Either use another SMS service or upgrade current Firebase SMS quota .
2. Photo uploads
   a. After choosing a photo to include in post or as a profile picture, it fails to stay logged as that user's photo
3. Profile Changes
   a. Profile is not updated after hitting save changes
4. Database Security
   a. All authenticated users could access database
   b. Insecure rules
5. Display Ratings of Users
   a. Allow people to see the average rating of a user when viewing their profile

Product Backlog: Provide a list of the high priority user stories and bug fixes that can serve as a guide for a follow-on project.

1. As a community member, I want to post pictures of neighborhood event flyers so that I can get others involved in community building.

2. As a community member I want to be able to give an explanation/select the reason when I submit a report for a post.
3. As a community I want to have a dashboard lay out all my upcoming events.
4. As a community member I want to 'subscribe' or follow certain users to be able to see their posts frequently.
5. As a community member I want addresses to be required for a post so that I can see where the events are located.