

CSE 115 – Introduction to Software Engineering

Release Plan 1 Plan - EcoConnect - [EcoConnect] - 07/1 - Revision1 - RevisionDate: 07/09

The team needs to capture the result of their release planning meeting in a document with the structure outlined below. This document (as well as other project documents should be made accessible to the team's TA (e.g., via shared Google docs or drive). There is no further submission process. All project documents are created for the benefit of your project and team, not the entertainment of the teaching staff. You may in addition use web-based agile tools if you so choose.

High level goals:

- Help neighbors exchange services and work together by implementing geolocation services.
- Improve sustainability and community bonds with features like communal gardens, childcare exchanges, local produce sales, and trading used goods.
- Facilitate service exchanges and community collaborations within neighborhoods and create a secure payment system.

User stories defining the scope of the release:

46 story points in total

• The complete list of user stories will take the form of:

○ Sprint 1 [17 story points]

▪ {1} Register/Create Profile 1.1 [3 story points] (High priority)

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.

▪ {2} Application Navigation 1.2 [5 story points] (High priority)

As a community user, I want applications pages to be accessible so that anyone in the community can use it without confusion.

▪ {3} Find posts 1.3 [5 story points] (High priority)

O As a community user, I want to view available services in the neighborhood to find services that help me /meet my needs.

▪ {4} Publishing 1.4 [4 story points] (High priority)

O As a community user I want to post a service listing in the neighborhood so other members can request my services.

○ Sprint 2: [16 story points]

▪ {1} Chat & Messaging 2.1 [6 story points] (High priority)

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

▪ {2} Replies 2.2 [5 story points] (High priority)

As a community user, I want to request service from another user.

▪ {3} Filter & Tags 2.3[3 story points] (High priority)

As a community user I want to be able to filter the posts by type of service.

▪ {4} Notifications 2.4[2 story points] (Medium priority)

As a community user I want to receive notifications for service requests and updates.

- Sprint 3: [13 story points]

- {1} Geolocation 3.1 [6 story points] (Medium priority)

As a community member, I want to see a map of available services in my area using geolocation.

- {2} Ratings 3.2 [4 story points] (Low priority)

As a community user, I want to see ratings and reviews for services to make informed decisions.

- {3} Event Reminders 3.3 [3 story points] (Low priority)

As a community user, I want to receive reminders for upcoming service appointments.

- **Sanity check your release plan.**

The total for all three sprints is 46 story points. Since there are five people in the team, this is just above 9 story points on average for each team member to accomplish within the entirety of the three one week sprints. Given the technology, resources, and capabilities of the team, the release plan outlines achievable goals, even in the constraints of a three week product plan.

• **Product backlog:** A listing of all high-level goals and user stories that were discussed in the release planning meeting, but which did not make it into the release at this point. User story priorities may change in the course of the project and therefore the PO may decide to downgrade some user stories currently in the release plan and promote some user stories currently in the backlog. The release plan and product backlog should be revisited and updated after each sprint.

The product backlog remaining at the end of the last sprint can serve as the starting point for a subsequent release.

- As a community user I want to use a secure payment system within EcoConnect to safely exchange money for services. [5 story points]
- As a community member I want to see local organizations/ NGOs get involved in neighborhood events.[5 story points]
- As a community member, I want to be able to update my profile information so that my contact details and preferences are current [2 story points]
- As a community member, I want to be able to search for services using simple keywords to find specific information. [3 story points]
- As a community member, I want to be able to logout of my account to keep my sessions secure. [2 story points]
- As a user, I want to be able to be reminded about upcoming events I am interested in, easily.
 - Tasks:
 - (19) Create a calendar database for each profile [assignee : | estimate : 2]
 - (20) Add a button to add a event to calendar [assignee : | estimate : 1]
 - (21) Get notified (option: 5/10/30/1hr) before the event [assignee : | estimate :

Initial Presentation: The release plan will be the basis for your team's initial presentation.