

CSE 115 – Introduction to Software Engineering

Sprint Plan 1 - EcoConnect - [TeamName] - 07/1 - Revision1 - RevisionDate: 06/29

Goal : Develop and implement core functionalities such as account creation and user authentication for providing faces to the user base. The login page will be implemented for returning users. Users will be able to create their own posts or use an explore menu viewing services posted by other users. •

- signup
- login
- make posts
- view posts

Task listing, organized by user story: This section lists the user stories, in priority order from

most important (top) to least important (bottom). Within each user story, there needs to be a list of tasks required to implement the user story, along with the time estimate for each task (preferably less than or equal to 6 ideal hours). This should look like:

User story 1: Register a profile (*Total: 6 hours*)

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.

Task 1: Firebase authentication (4 hours)

Task 2: Login page (1 hour)

Task 3: Profile page (1 hour)

User story 2: (*Total: 10 hours*)

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

Task 4: Navigation Bar (1 hour)

Task 5: Create all web pages (6 hours)

Task 6: Design logos (3 hours)

User Story 3: (*Total: 8*)

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

Task 7: Implement API endpoint to get posts based on location (geolocation API) (5 hours)

Task 8: Display Posts (1 hour)

Task 9: Pagination (2 hours)

User Story 4: (*Total 8*)

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

Task 10: Implement API endpoint to fetch service request(3 hours)

Task 11: Respond to a post(1 hour)

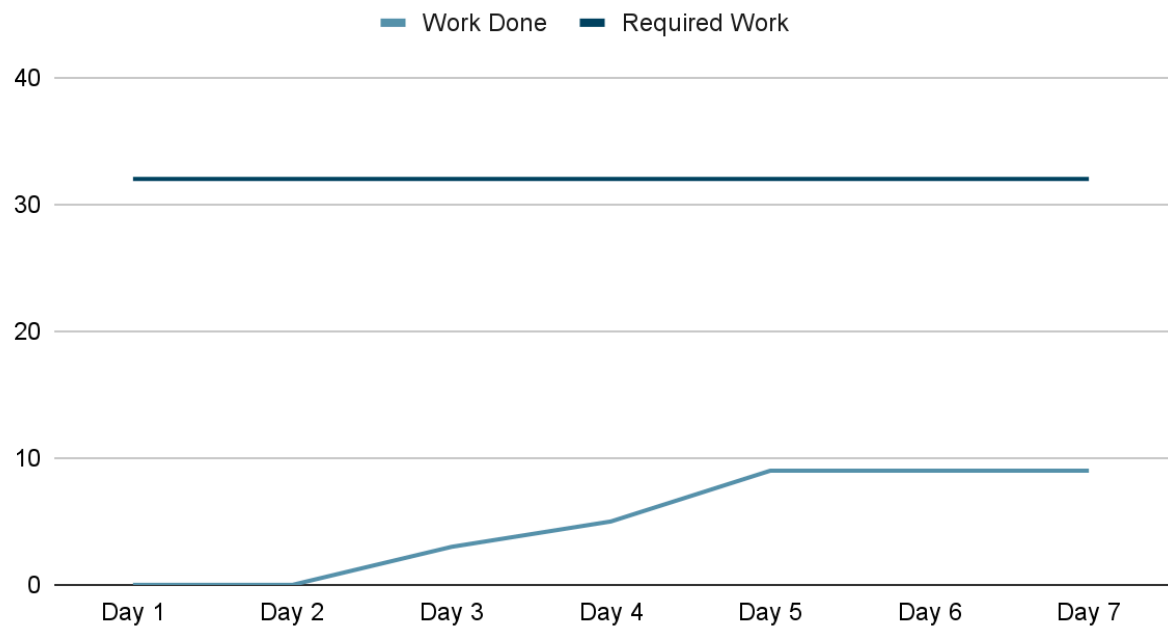
Task 12: Create post (1 hour)

• **Team roles:** Give a listing of all team members. Next to the team member, list their role(s) for this sprint. Assign each person to at least one role (for example, this role might be "Developer"). This looks like:

Kat Pe Benito: Developer
Elena Barnes: Scrum Master
Allison Lund: Developer
Arnaud St-Pierre: Developer
Nia Balaji : Product Owner

• **Initial task assignment:** A listing of each team member, with their first user story and task assignment. This should look like:
Kat Pe Benito: Task 6,
Elena Barnes: Task 1,
Allison Lund: Task 4, 8, 9
Arnaud St-Pierre: Task 2, 3, 5
Nia Balaji : Task 7

Burnup



• **Initial scrum board:** Also known as a task board, the scrum board is a physical board and labeled as such with sprint number and project name and located in the lab. This board has four columns, titled user stories, tasks not started, tasks in progress, and tasks completed. Index cards or post-it notes representing the user stories and the tasks for this sprint should be placed in the user stories, tasks not started, and tasks in progress columns. Tasks associated with a user story should be placed in the same row as the user story.

User Stories	Tasks Not Started	Tasks in Progress	Tasks Completed
Register a Profile			Firebase set-up
			Login Page
	Profile Page		
Application Navigation	Navigation Bar		
		Create Web Pages	
			Design Logos
Find Posts		API Endpoint Location	
		Display Posts	
		Pagination	
Request Services			Endpoint Service Request
	Respond to a Post		
		Create Post	

• **Scrum times:** List at least the three days and times during the week when your team will meet and conduct Scrum meetings. Also, indicate which of these meetings will have the TA/tutor visit as arranged with the TA/tutor. It is expected the TA/tutor will visit during the Scrum meeting during your lab time.

- Thursdays and Tuesdays, 1:15pm (before TA meeting)
- Wednesdays at 7pm

Note that if the team ended up modifying its release plan during sprint planning, submit an updated release plan document also with the sprint plan.

Last modified: 2023 06 25 (adapted from materials for cmps115)