

Sprint 1 plan
Product name: Seekr

Revision 1, Oct 11, 2024

Team Members: Alec, Lisa, Taya, Ryan, Aidan, Zander

Objective: Create an intuitive map experience with an emphasis on exploration and connecting with one's community to better understand the area they find themselves in

Total Duration: 10 Weeks

Sprint Length: 2 Weeks

Total Sprints: 4 Sprints

Sprint 1	Story Points
1. As a returning user, I want to be able to have a way to save information about myself and my hikes.	3
2. As a hiker, I want to be able to interact with a map to see my location, orientation, distance, time to destination.	13
3. As a navigator, I want to be able to see my visual progress to the destination.	3

User Stories:

User Story 1:

As a returning user, I want to be able to create a profile in order to save my information.

Task 1: Get familiar with Swift (1 hour)

Task 2: Create a login page (2 hours)

Task 3: Link login page to Firebase Authentication Service and Firebase Database (3 hours)

Task 4: Enable saving of the user information (2 hours)

Task 5: Create the UI for user profile (2 hours)

Task 6: Get user input testing (1 hour)

Total for User Story 1: 11 hours

User Story 2:

As a hiker, I want to be able to interact with a map to see my location, orientation, distance, and time to destination.

Task 1: Get familiar with MapKit using SwiftUI (2 hours)

Task 2: Set up and get access to iOS (1 hour)

Task 3: Integrate Apple Maps SDK (4 hours)

Task 4: Create and visualize map (3 hours)

Task 5: Display location, orientation, distance, and ETA (4 hours)

Task 6: Work on navigation (3 hours)

Task 7: Implement testing for map functionality (2 hours)

Total for User Story 2: 19 hours

User Story 3:

As a navigator, I want to be able to see my visual progress to the destination.

Task 1: Display the progress bar (2 hours)

Task 2: Link progress bar to real-time map data (3 hours)

Task 3: Test progress bar functionality (1 hour)

Total for User Story 3: 6 hours

Additional Task:

Design logo due Monday (Non-development task, time not estimated as part of sprint)

Lisa: Scrum Master, Software Engineer

Taya: Designer, Software Engineer

Alec: product Manager, Software Engineer

Ryan: Database Manager, Software Engineer

Aidan: Software Engineer

Zander: Software Engineer

Lisa: User Story 2, Tasks 1-3, 6-7

Taya: User Story 1, Task 1-2

Alec: User Story 2, Task 1-5

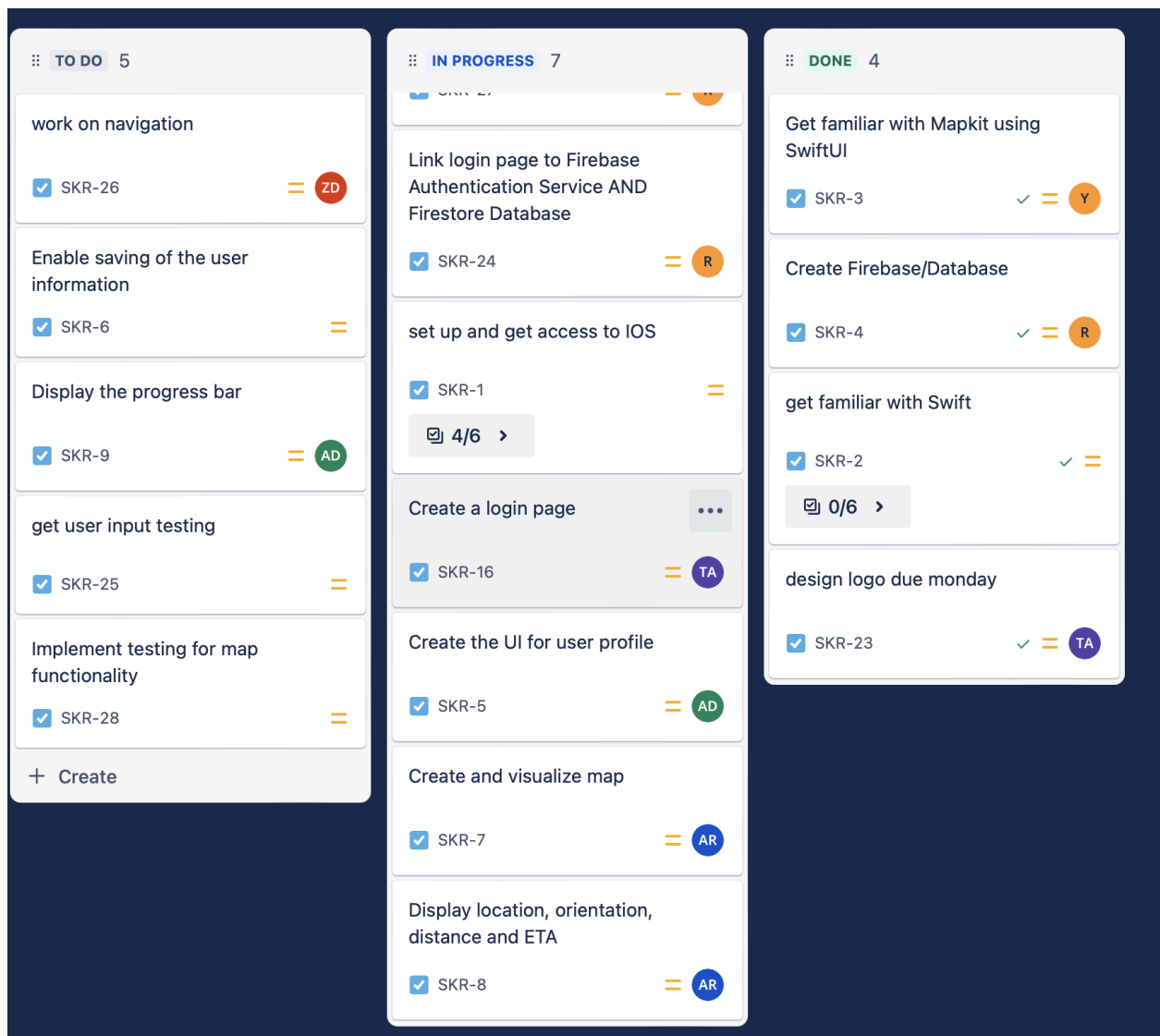
Ryan: User Story 1, Task 3-4

Aidan: User Story 1, Task 5-6

Zander: User Story 3 1-3

[Burnup Chart](#)

[Scrum Board](#)



Board as of Oct 17, 2024

Scrum times:
MWF 9:10-9:25