

CSE 115A

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Sprint 2 Plan

GeneSearcher

Expected Release: 09 03 2021

Goals

The goals for sprint two are to set up a firebase instance that we can query when processing user data and collect the data that will be stored in said instance. Additionally we want to start developing the user interface for the application.

Task Listing by User Stories

1. As a user, I want to store my genetic information so that it may be reprocessed later as new information becomes available

- 1.1. Set up firebase database (15 minutes)
- 1.2. Create list of snps with relevant data (4 hours)
- 1.3. Scrape or download snp data from opensnp (4 hours)
- 1.4. Populate firebase with snp data (2 hours)

Total for User Story 1: 10.25 hours

2. As a user, I want to be able to interact with the application via an easy-to-use interface so that I can understand my results

- 2.1. Select GUI framework for development (10 minutes)
- 2.2. Design UI (30 minutes)
- 2.3. Start developing simple UI (4 hours)
- 2.4. Incorporate Parsing into UI (4 hours)

Total for User Story 2: 8.6 hours

Team Roles

Valeska Victoria - Developer
Anthony Sagely - Developer
Charles Knight - Developer
Konstantin Sarychev - Developer

Initial Task Assignment

Valeska Victoria - 1.1, 1.2, 1.3, 2.1

Anthony Sagely - 2.1, 2.2, 2.3, 2.4

Charles Knight - 1.1, 1.3

Konstantin Sarychev - 1.3, 1.4

Project Files

- [Trello - Scrum Tasks Planning](#)
- [GitHub - Project Repository](#)
- [genesearcher-cse115a Firebase Project](#)