

Sprint 1 Plan

Product: Nosh

Team Name: Shark Week Engineering

Goal: Learn how to use tools before building product

Task Listing (organized by User Story):

SDK: Kitkat

1. "As a developer, I want to understand the tools being used, so I know what functionality already exists versus what I need to implement on my own." (89 pts)
 - 1.1. Read documentation for Yelp API, Uber API, chosen AWS infrastructure, Android Studio, Java tutorials/refreshers (for Android Studio), Python tutorials/refreshers (for backend), and Design Patterns book (*time estimate*)
 - 1.2. Set up development environment i.e. Create accounts for Yelp, Uber, and Amazon Web Services as infrastructure, Install Android Studio plus KitKat API and emulator of choice TBD (*time estimate*)
 - 1.3. Practice communicating with API endpoints via localhost (*time estimate*)
 - 1.4. Practice communicating with API endpoints via AWS backend of choice TBD (*time estimate*)
 - 1.5. Practice communicating with AWS backend via "starter"/"bare-bones" Android App in emulator
 - 1.6. TOTAL for User Story 1: # of hours
2. "As a human, I want a second opinion on what to eat, so I can make up my mind and eat already" (21 pts)
 - 2.1. Download and use HANGRY app by EAT24 (acquired by Yelp) in order to determine and mimic minimum viable user experience (we essentially want to make a better version of this app) (*time estimate*)
 - 2.2. Decide and implement how we want to represent different types of preferences such as religious diet, budget, nationality of cuisine, allergies, etc (*time estimate*)
 - 2.3. Test use of these representations in curl commands in command line (*time estimate*)
 - 2.4. TOTAL for User Story 2: # of hours
3. "As a developer, I want extensive documentation, so that everyone knows what the code does." (21 pts)
 - 3.1. For any unwritten assumptions about dev environment made by existing API documentation, please elaborate in Slack tutorial-style with example code and/or diagrams (*time estimate*)
 - 3.2. As evidence of our work, put content of 3.1 into PDFs in Documents folder on repository for future reference as well as evidence of work for TAs & Professor (*time estimate*)
 - 3.3. TOTAL for User Story 3: # of hours

Team Roles:

- Marian Nicasio (Product Owner): Lifetime product owner
- Adam Pinarbasi: Scrum Master #1, role 2, role 3, etc.
- Jerry Ku: role 1, role 2, role 3, etc.
- Calvin Yang: role 1, role 2, role 3, etc.