SDD/SWDD: Draft Planning Proposal

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Functional Description:

What is it supposed to do?

The software will allow user to:

- Browse for local coffee shops
- Search and save favorite drinks
- Publish reviews on both the drinks and coffee shops

User Interface:

- System:
  iOS & Android phones
- Created with users? & stage (initial, draft, final):
- Wireframe can be found at #1

  Storyboard can be found at #4

Data-Driven Prioritization

*What research (*cough* discussion boards, Google, Journals) lead to methodology & tool decisions. Matrix included from Lab Activity in figures.*

We decided to go with Kanban and SCRUM methodologies

https://wisdomplexus.com/blogs/pros-cons-kanban/
https://moodle.millikin.edu/pluginfile.php/322748/mod_resource/content/1/2020-Scrum-Guide-US.pdf

We used the links above from Wisdomplex US and the US Scrum Guide to help make our decision for methodologies.

Prioritization matrix can be found at #3

Goals & milestones:

Epics, User Stories, main milestones and overall goals. (shouldn't be everyone just the most important)

User Stories:

- As a coffee enthusiast, I want to easily discover new local coffee shops in my area, so that I can expand my coffee experience and try different places.
- As a regular user of the Java Review app, I want the app to provide personalized drink recommendations based on my preferences, so that I can quickly find and try drinks that match my taste.
- As a user with specific drink preferences, I want to be able to search for a particular type of drink in my vicinity, so that I can easily find coffee shops that offer my favorite drinks.
- As a regular user of the Java Review app, I want to save my favorite drinks and coffee shops to my profile, so that I can quickly access and share my preferred choices with others.
- As a Java Review app user, I want to leave reviews and ratings for drinks and coffee shops I've visited, so that I can contribute to the community and help others make informed choices.

Epics:

- Coffee Shop Database
- Accounts Database
- User Interface
- Accessibility
- Social Integration

Overall Goals:

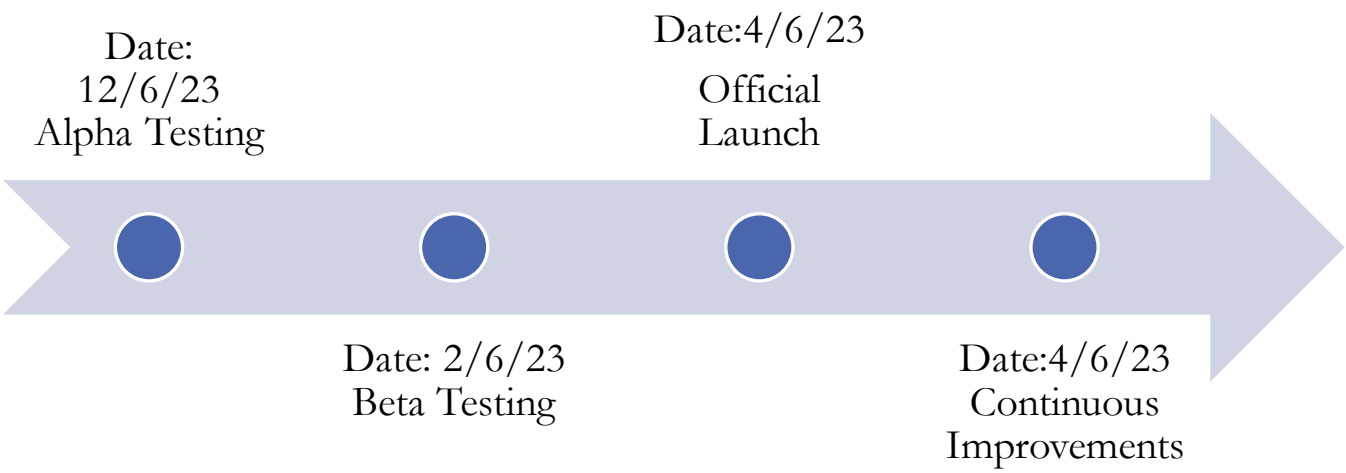
- Make it easy for users to discover new and unique coffee shops in their local area
- Enable users to quickly find specific drinks, coffee shops, or other features within app
- Foster a sense of community among users allowing them to share their reviews
- Promote and support local coffee shops by giving exposure and providing a platform that gives them visibility

Milestones:

- Alpha testing
- Beta testing
- Official Launch

Timeline

I usually make this in powerpoint withsmartart then copy and paste it here



Current and proposed solutions

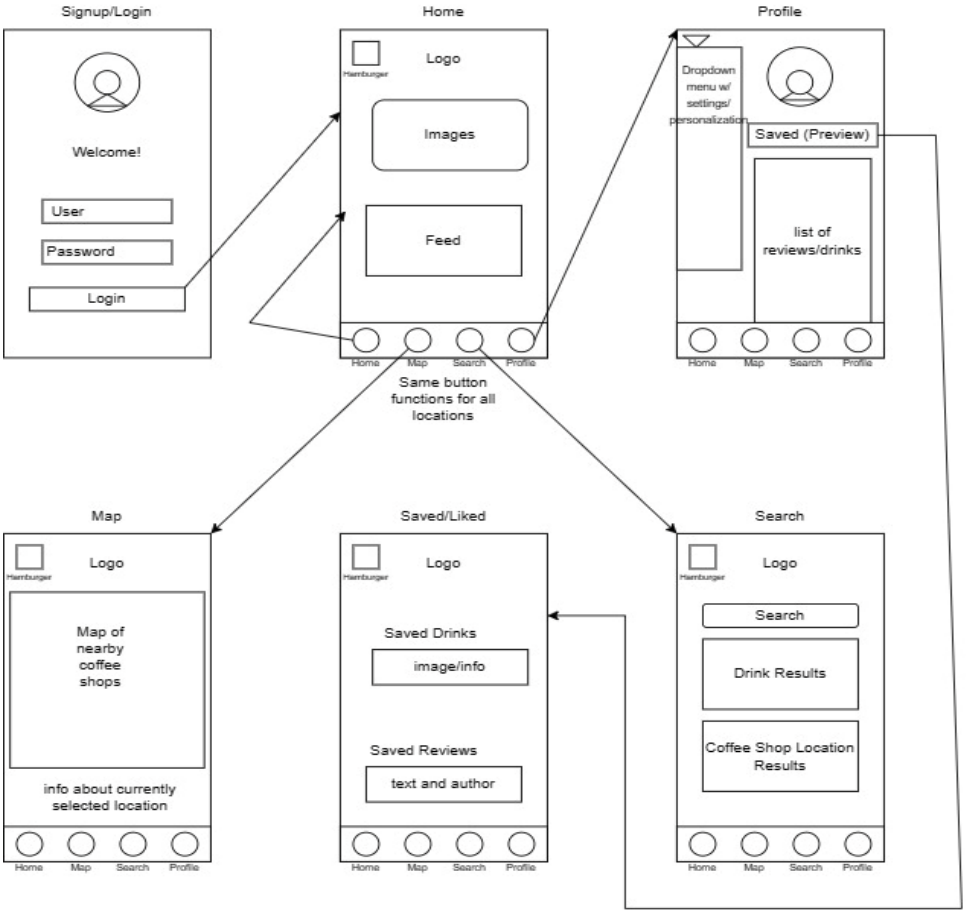
You may have to research the current products on the market that address similar problems or include a full user story on how your approaching it with roleplaying

There is currently no application that we could find that helps people find local coffee shops. When people are in a new area, people tend to stick with what they are comfortable with, which tends to be places like Starbucks, Dunkin, etc. Our app intends to help mitigate this and help users find coffee shops with well-reviewed drinks they will like.

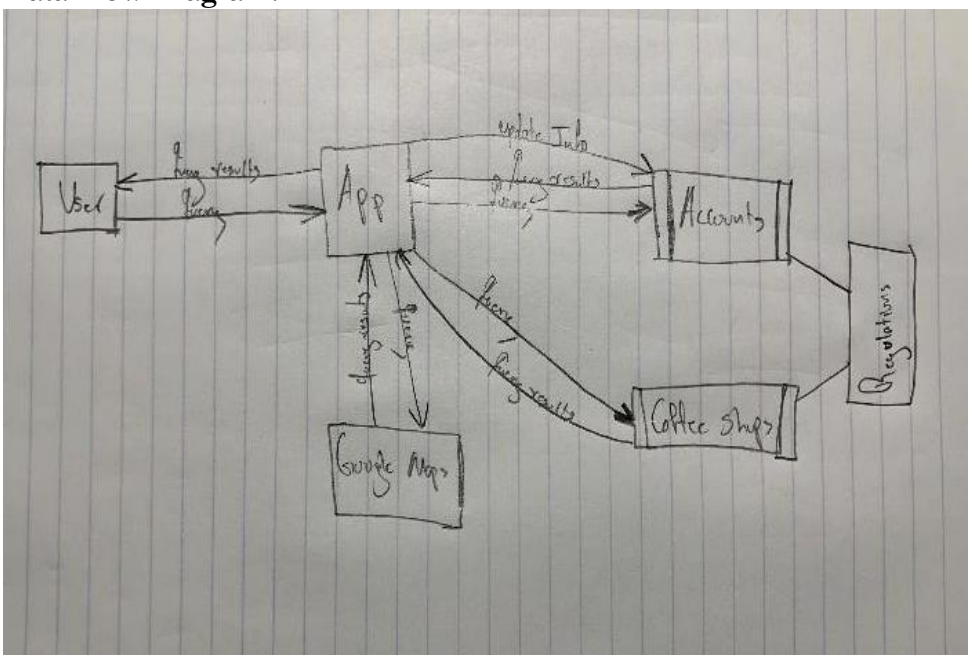
Figures

Label and include any updated figures here (using Heading 2 to label them & you can just find them with navigation pane). DO NOT NEED Use-Case diagram at this point! Should have a Class UML (or DFD) for showing the technical makeup of your system (or ERD as it applies), priority matrix, wireframes/storyboards, and any other figure you think helps (risk matrix, 4Ls, MoSCoW or Kano, etc.)

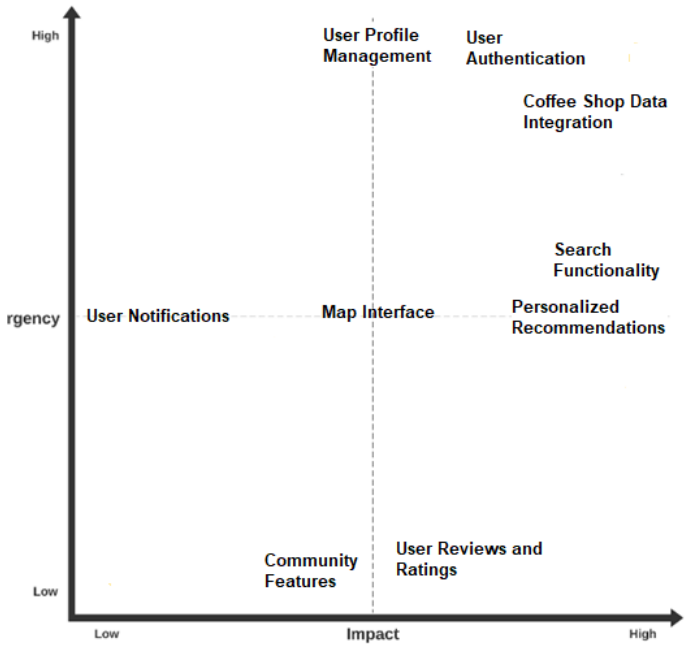
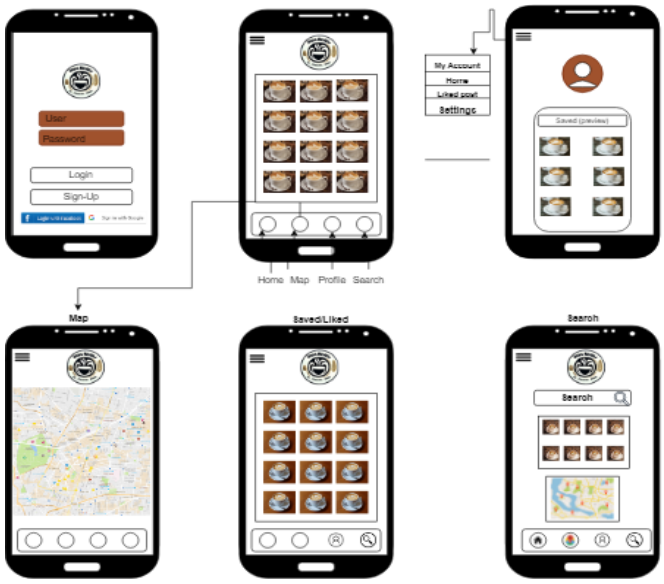
1. **Wireframe:**



2. Data Flow Diagram:



3. Prioritization Matrix:



4. Storyboard: