Live Courier Tracking and Delivery App

Audience and Purpose

The idea for our app is to be allow people to order groceries on online, and have them delivered right to their doorstep. The app is going to let the user sign in, order what they need, and track their delivery. This will be useful for people with busy schedules or do not feel comfortable shopping in person due to COVID.

Basic Layout

The app is to be built on android studios, and have a database based in Firestore database. The user will have to sign into the app using a Google account, which then leads to a store page, which has a list of stores it will pull from the Firestore database. The item page will allow the user to choose what they need and then leads to a checkout page. There will also be a tab that will allow the user to track their delivery using Google Maps.

Application/Firestore structure

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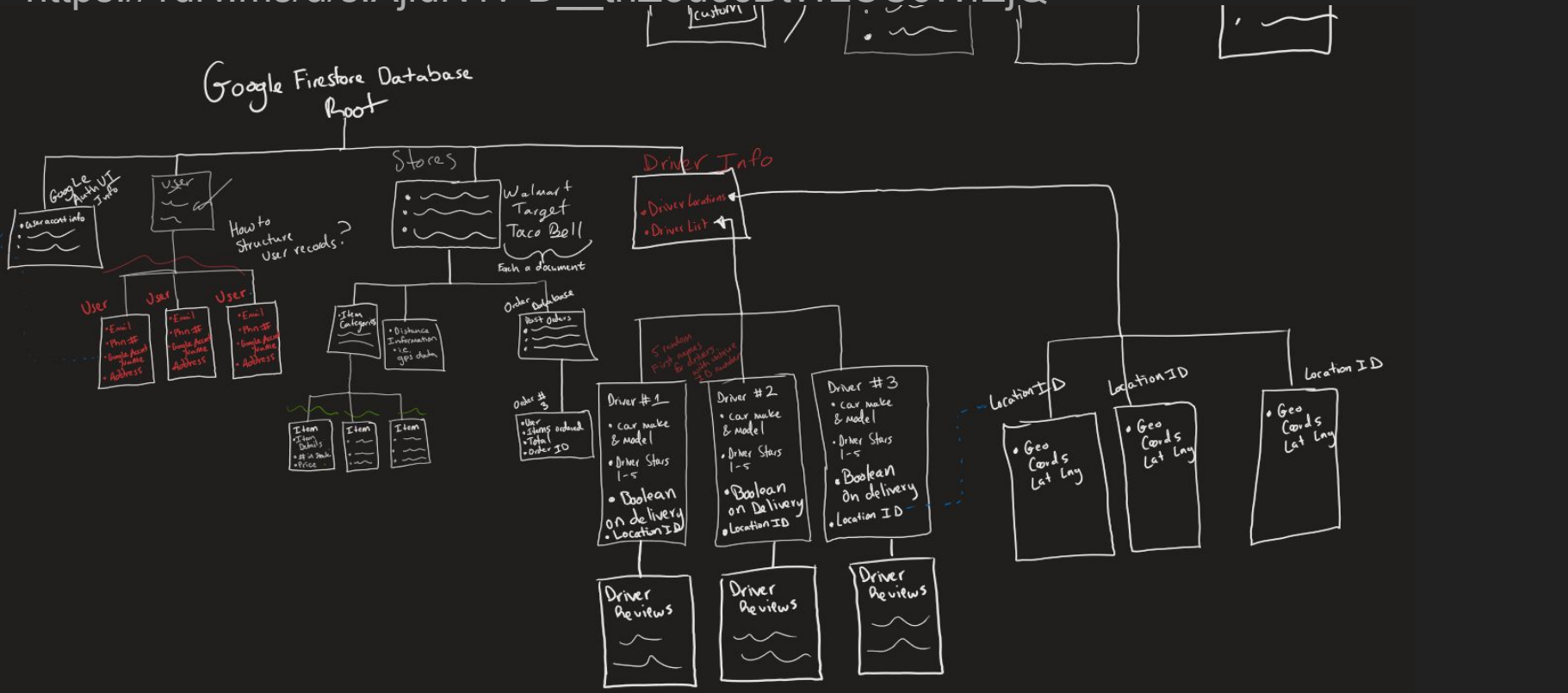
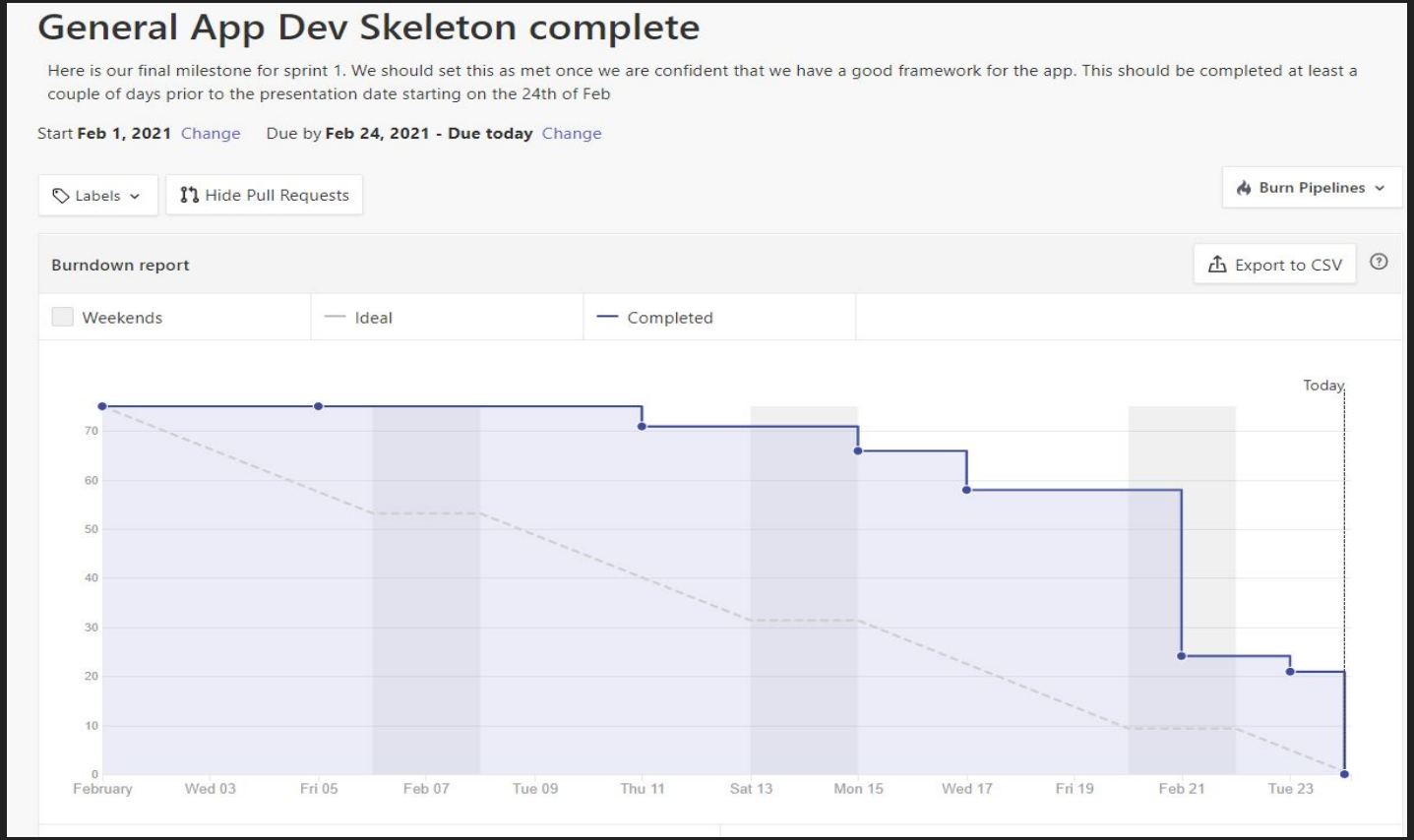


Burndown Chart



Potential Obstacles

- Implementing map API
  - GPS address
  - Showing delivery progress
- Payment, at least how will the app take in/confirm that data
- User data structure
- Showing a store’s website and then ordering on our app
  - Where to store the website data

UML

https://1drv.ms/u/s!AjldN1v-D__tnZodocBtWzCCcWIEjQ