

Standup 10/23

- **What did we finish last week**

- **Jack:** Start designing/building GUI on Xcode. Created pages that represent the skeleton of the app.
- **Breea:** Integrate Firebase Authentication for user login, third-party login, and profile management.
- **Caroline:** Practiced making AI-generated outfit matches using fal-ai/cat-vton in the browser playground.

- **What will we work on this week**

- **Jack:** Continue building GUI and fine tuning design to be user friendly.
- **Breea:** Set up and maintain the Firebase backend database for storing profiles, clothing images, and metadata.
- **Caroline:** Write a python program that makes calls to the fal-ai/cat-vton API. The program takes in an image of a person, an image of a clothing item, and the type of clothing item it is (upper, lower, overall, inner, outer). The program then returns an image of said clothing item generated onto said person. (About 3 cents per picture)

- **What problems do we have**

- Sometimes on the first run it'll take awhile for the generated image result to come back (about 2 minutes), but it does get faster on subsequent runs and seems to settle around 12-or-so seconds.

- **What help do we need**

- Unfortunately the fal-ai/cat-vton model is still not fast enough for real-time generation. Thus, we'll need some sort of loading "spinner" while it waits 12-seconds or so for the images to generate.