

Assignment 3

1. Group Travel App

1. This app would be used to help a large group organize a destination event.

2. Feature list:

- Group chat (1 hour)
- Shared calendar (2 hours)
- Shared drive for photos and videos (1 hour)
- Countdown banner (30 min)
- Share location (30 min)

These estimates are probably a little low depending on the level of detail you want to put into this. So are pretty easy but setup and tweaking take a bit of work so you may want to allocate more time for these.

3. Competitors:

- Travefy
 - <https://apps.apple.com/us/app/travefy-pro-view-client-trips/id1096116314>
- My Travel Planner App
 - <https://apps.apple.com/us/app/my-travel-planner-app/id1450534915>

4. I would like to make initial download free to make getting the whole group on the app easier. There would be extensions for purchase if desired.

The other issue is if people have Android phones. This would make a great app for a final project. I think it has enough technically to work as well as a high growth potential since friends will encourage other friends to get it.

2. Homework/Grade Tracker App

1. This app would be used to keep track of what homework is due for each class. It would also feature a place to keep track of grades.

2. Feature list:

- Calendar (1 hour)
- Grade calculator (30 minutes)

Also probably a low estimate, but you would need to add local notifications (like reminders), and maybe some additional technologies to make this work for a final since it's a bit bare. Add one or two more features if you'd like to do this as a final project.

3. Competitors:

- Homework App
 - <https://apps.apple.com/us/app/homework-app/id1097438761>

- Homework Pal
 - <https://apps.apple.com/us/app/homework-pal/id1340538392>
 - Grade Control
 - <https://apps.apple.com/us/app/grade-control-school-grades/id1123787414>
 - Grade Pal - #1 Grade Tracker
 - <https://apps.apple.com/us/app/grade-pal-1-grade-tracker/id1442410668>
4. I would make this app free so students wouldn't have to spend money on an app meant to help in school.
3. Clothing Database
 1. This app would be used to keep track of the articles of clothing in a persons wardrobe. It would be helpful while shopping to see what the user has and compare to what they already have.
 2. Feature list:
 - Camera (30 min)
 - Internet (1 hour)
 - Database of clothing (30 min)
 3. Competitors:
 - WearTracker
 - <https://apps.apple.com/us/app/weartracker-clothing-tracker/id1371856481>
 - Cladwell
 - <https://apps.apple.com/us/app/cladwell/id1140550878>
 4. I would make this app free to download but have ad runs to create revenue. I would take time to input the initial information and this is where most of the ad time would be.

The only problem with these types of apps is that users don't really want to input all that data. And even if they did, it quickly becomes outdated or they forget to use it. There's not a lot of reuse as it'll only be opened in a store. You could the ability to lend out articles of clothing or some other feature that'll make the user open the app a bit more. As a final project, this would probably work if you backed it with Core Data and images since those are plenty to do technically.