

Project Title:
Happy Tracking

Members:
Chelsea Buchler, Dingyin Zheng, Muntadher Alzayer, Mackinley Kath

Meeting Time:
We met with you for this project on Friday @ 4:15 pm

Picked Project Description:
Improve UPS tracking number system by creating an app that will give real time notifications of where a package is based off of tracking number and where it arrives. This app will allow the company to notify when a package is in the state, and when attempted deliveries were made.

Sketch (Idea 1: Real-Time Package Tracking System):
Problem addressing:

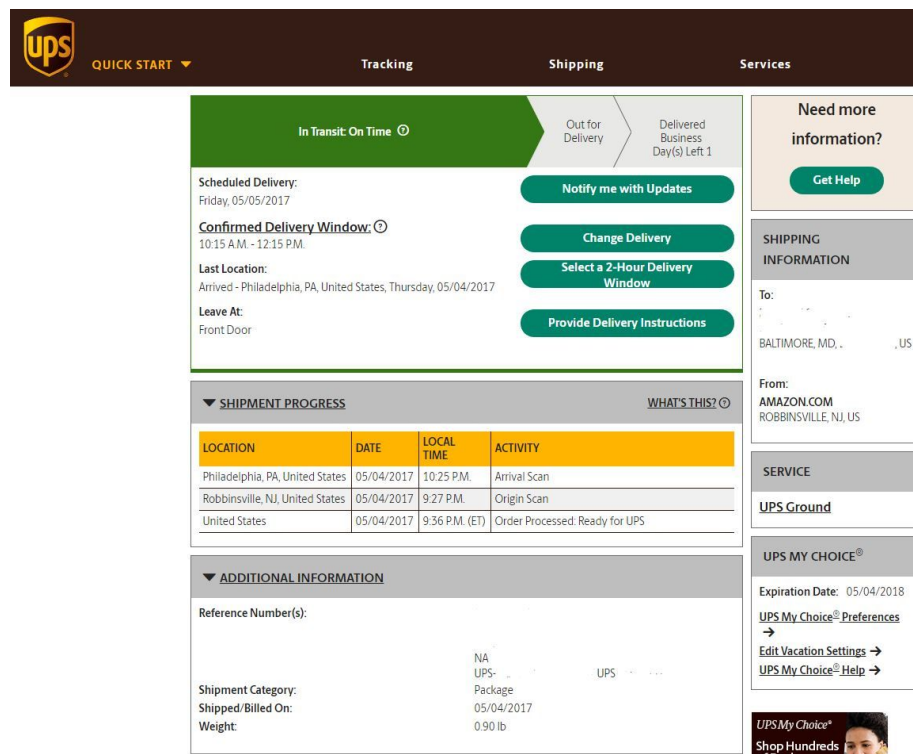


Figure 1. UPS tracking interface

Usually when a customer places an order with a postal carrier and tracks packages via tracking number, they can only access plain text to check delivery status. However, information being incorrect or rarely updated might cause inconveniences. Our project aims to create a real-time tracking system to allow customers to check in on their package when it's most convenient for them, and have greater control over their packages.

Project Description:

Improve UPS tracking number system by creating an app that will give real-time notifications of where a package is based off of tracking number and where it arrives. This app will allow the company to notify when a package is in the state, and when attempted deliveries were made.

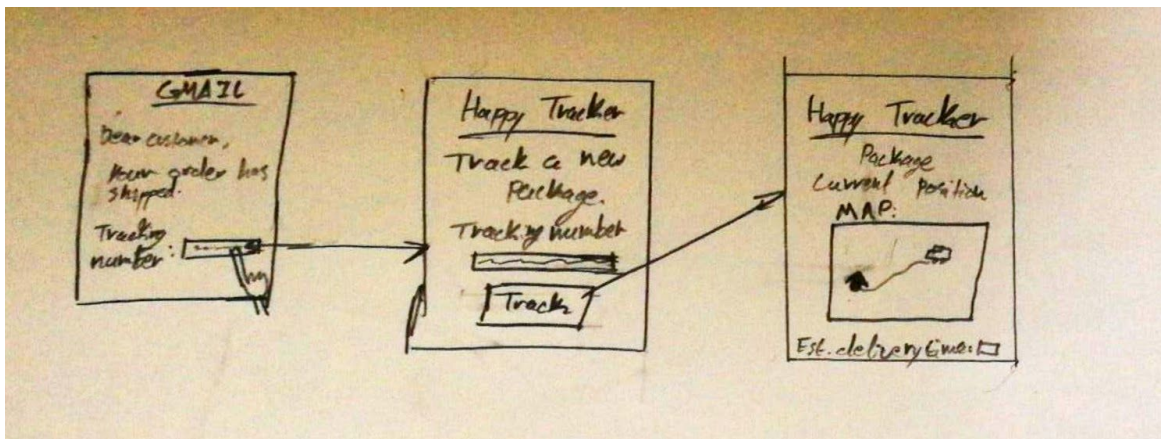


Figure 2. Real-time package tracking system sketch out

Sketch (Idea 2: Electrical Locker Station):

Problem addressing:

People might face the frustrating situation when packages are delivered but they're not at home to receive it. Then packages have to be obtained from the postal service, which can be incredibly inconvenient when the postal service is closed, or the date is a holiday. So why not own an electrical locker station in your neighborhood, a friendly 24/7 pick-up station for you.

Project Description:

1. Receive notification [Example: shipped and stored in locker #7] with locker station address below.
2. Go to station and scan your received barcode in front of scanner window.
3. Locker beeps for seconds indicating its location and unlock the door.
4. Pick up your delivery !!! And remember it's available 24/7.

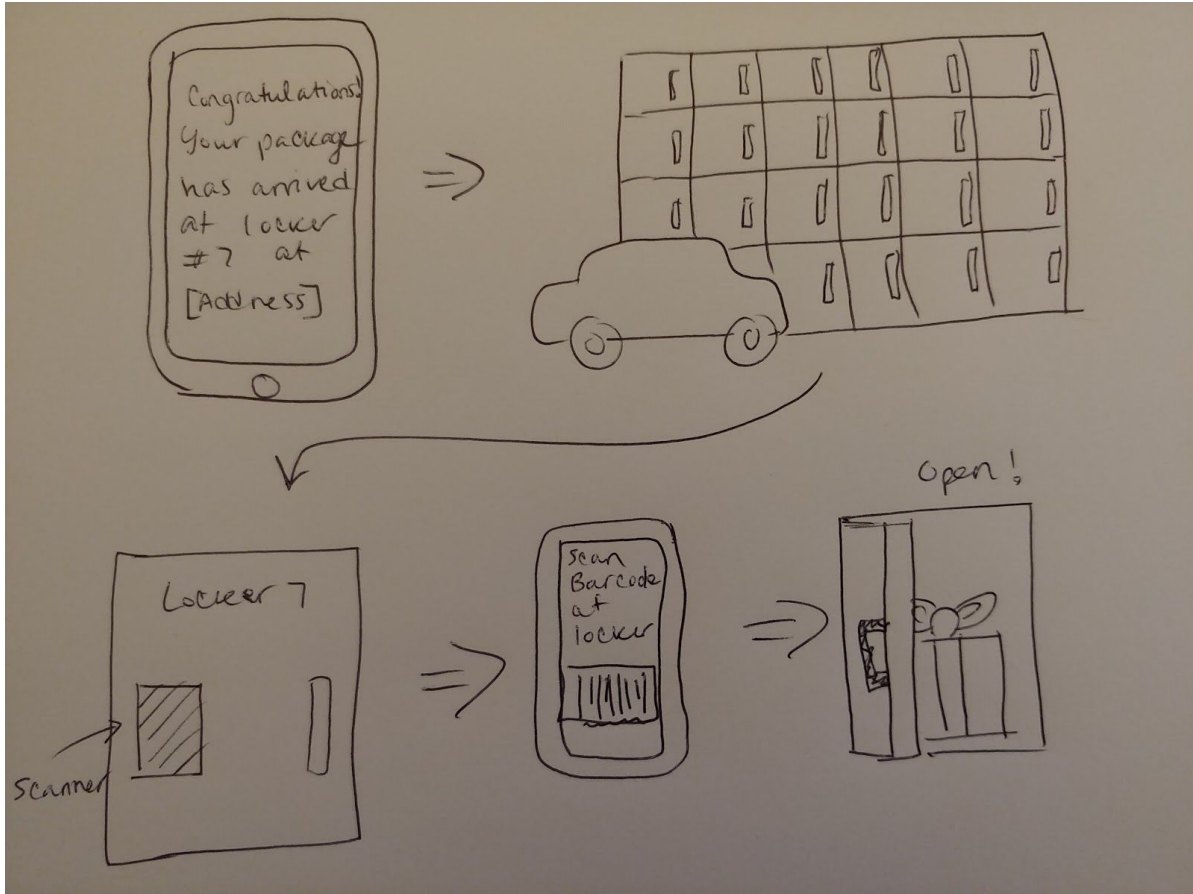


Figure 3. Electrical locker station sketch out

Sketch (Idea 3: Sports Helper App):

Problem addressing:

When someone is first introduced to a sport they might not necessarily know all the terminology that the commentators mention. Therefore, our project would be able to use the microphone to listen to the commentators as the game is happening. As more advanced terminology like "offside" or "foul" are mentioned that would trigger definitions to be shown on the screen, with example gifs.

Project Description:

A sports app that watches the game with you in real time, and gives explanations and definitions of the game for a new watcher. Gives player bios as well.

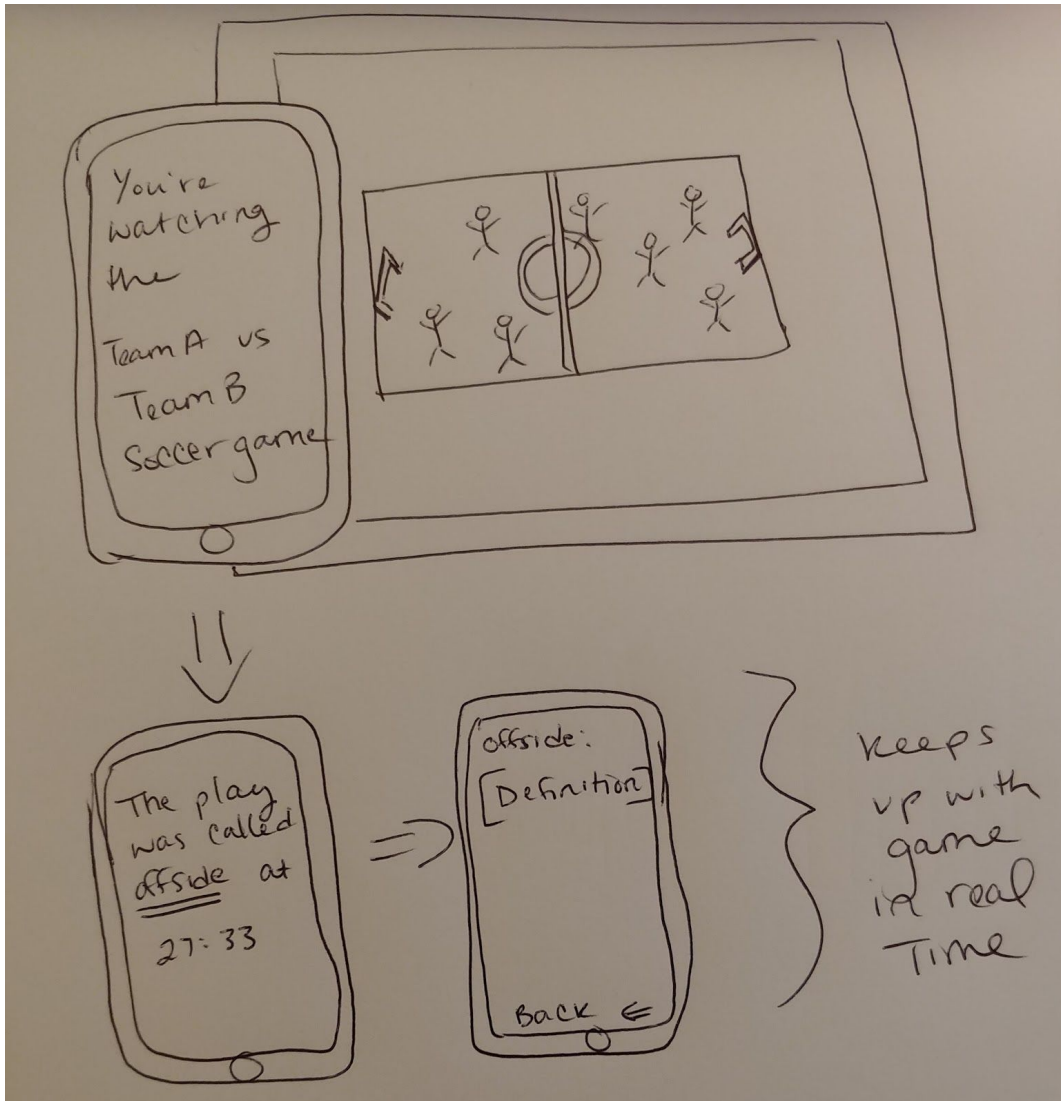
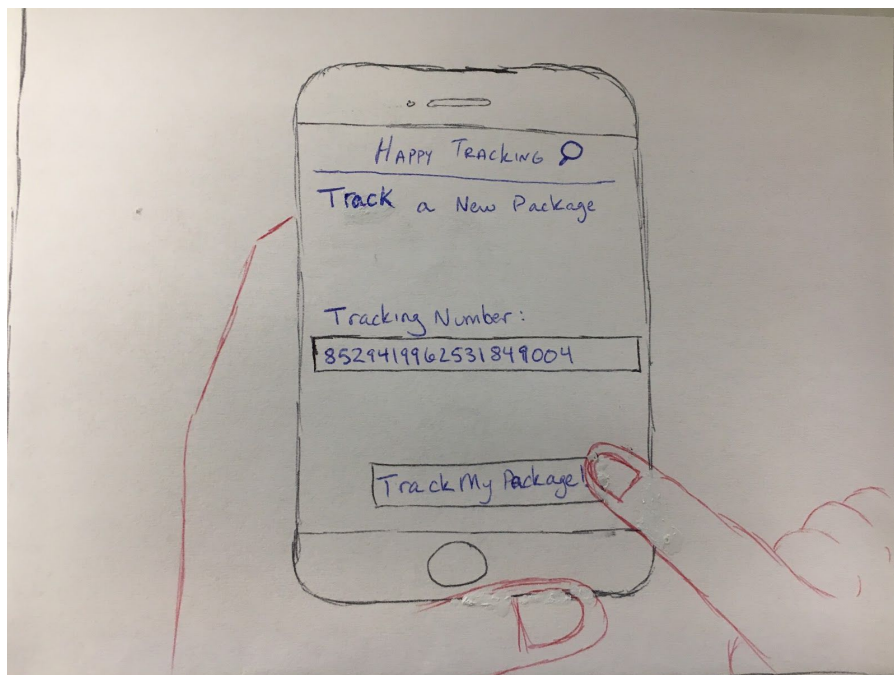
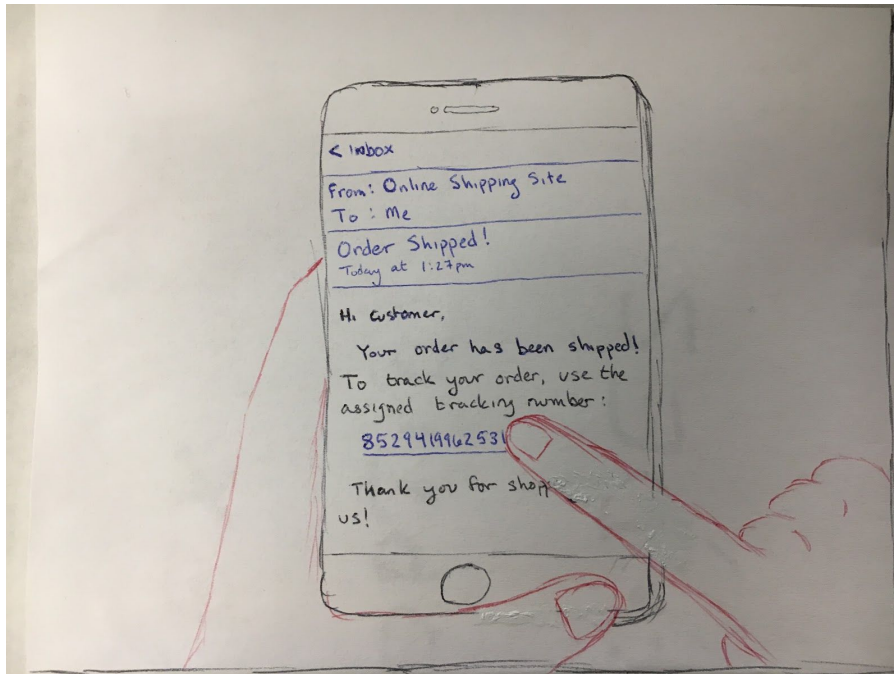
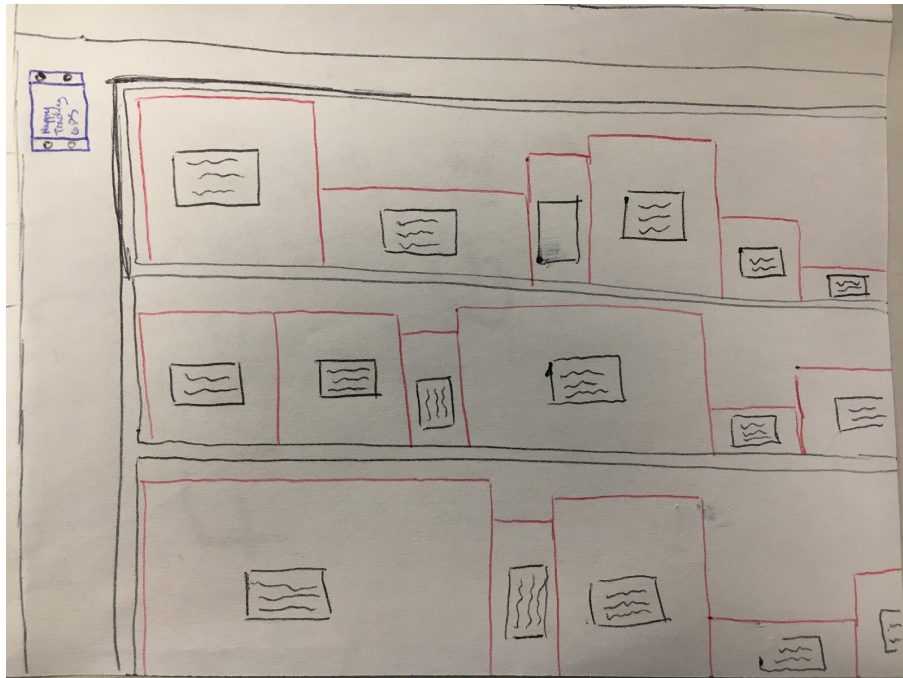
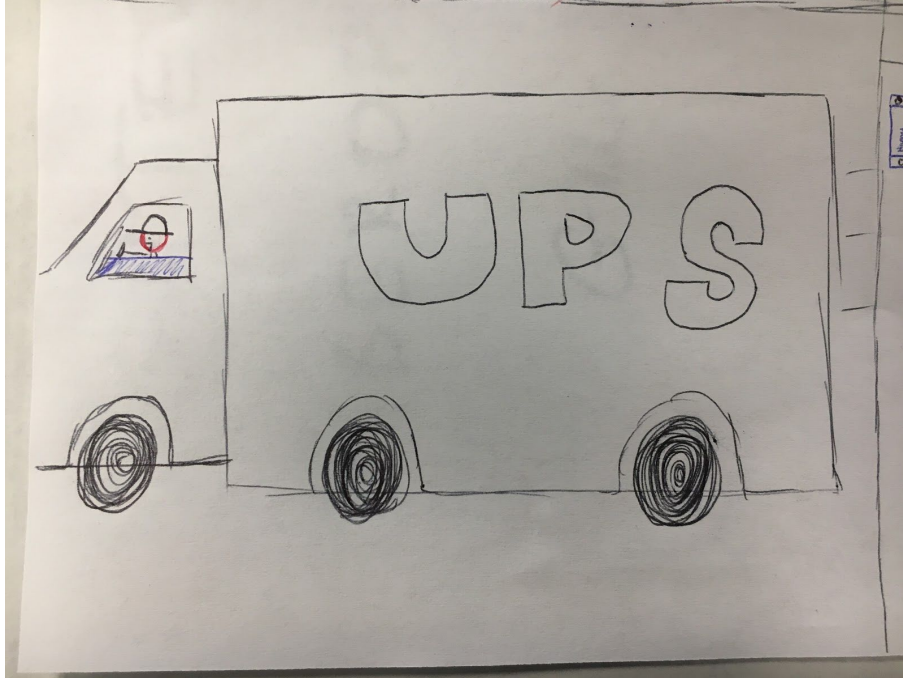
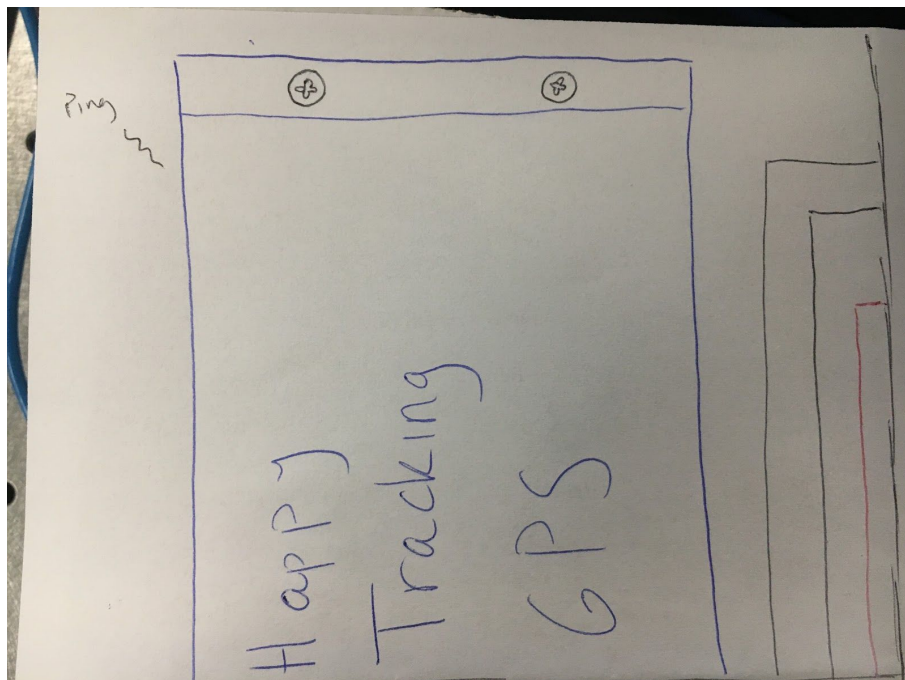


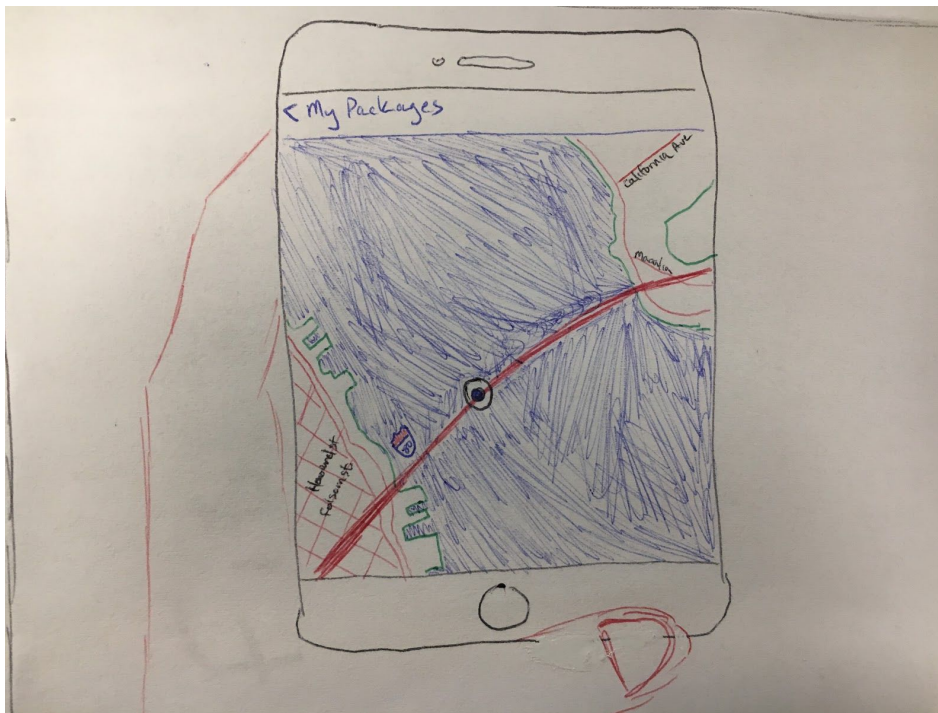
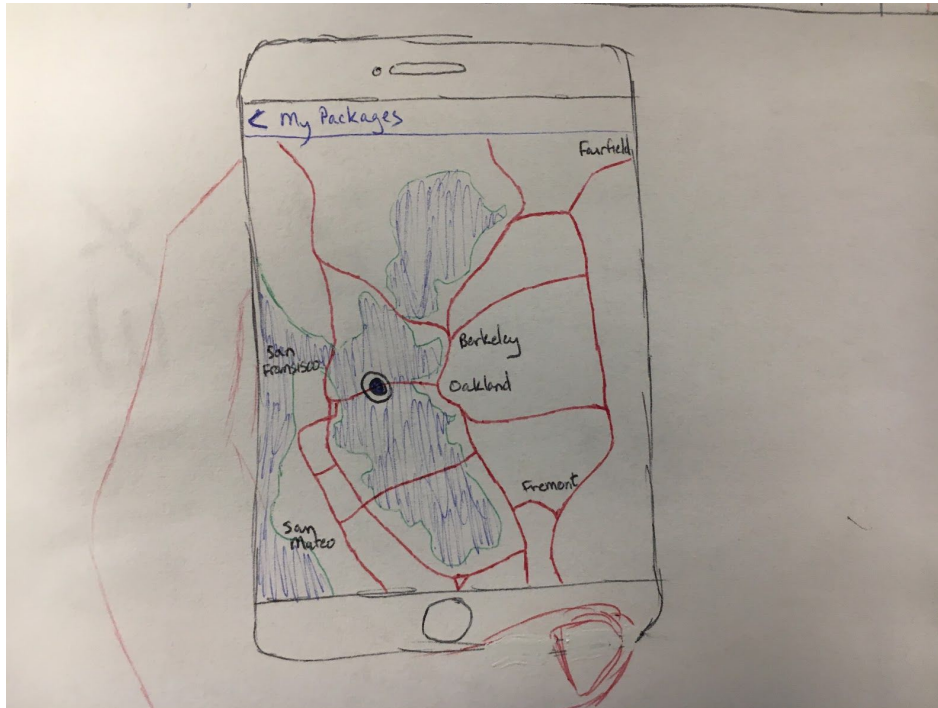
Figure 4. Sports helper app sketch out

Storyboard Images









Summary:

We consider ourselves a third-party company aiming to provide a real-time tracking system compatible with any postal service. Differing from traditional tracking systems where customers can only check the delivery status of their package with plain text from what the postal service carriers provided, our project aims to create a real-time tracking system to evolve user

experience. The major technical approach would be applying GPS tech to track dynamic location and then send feedback to customers' mobile terminal. It will also let customers be able to track with various postal service carriers in our mobile app. The reason why we think this is one good improvement is that updates on dynamic real-time packages location can eliminate incorrect information and mitigate customer's anxieties while they're waiting for delivery.

Individual Contributions:

After group brainstorming and problem identifying, we decided on those project ideas. Mac drew out the outstanding storyboard on paper for our picked project, Chelsea sketched out ideas 2 & 3 and wrote the project description for our picked project. Munta and Dingyin(Aiden) both worked on writing and formatting as well as sketching out idea 1.