**MHacks 11**

**Plan**

|  |  |  |
| --- | --- | --- |
| **Task** | **Description** | **Person** |
| Create app backend with Firebase | 1. Talk to Firebase 2. Develop structure, users, data, updates, etc. |  |
| Get data from Polaris | 1. Sign NDA 2. Copy onto USB |  |
| Parse data from Polaris | 1. Read JSON file 2. Store in readable format in program/make easily accessible |  |
| Create Google Maps API with Cloud Platform | 1. Talk to Google 2. Figure out how to use API’s |  |
| Plot each ride (points) with Google Maps API | 1. Plot each ride in a different colour? 2. Sort by date? 3. Only have a few highlighted? |  |
| Create average speed map? | 1. Find differences in time and distance 2. Calculate speed 3. Plot speed using different colours? |  |
| Use Google Maps API to pull relevant pictures | 1. If possible, not sure if there will be enough photos? 2. Store photos/have them accessible |  |
| Use Google Cloud Platform AI Vision to find relevant keywords | 1. Search photos for things 2. Look up things that might be interesting |  |
| Snapchat Spectacle integration? | * Taking and uploading photos * Dropping pins |  |
| Twilio integration? | * Chat functionality? |  |