Heading: Sprint 1 Plan, Tagrides, team name, 2/11/18, revision number: 1, revision date: 1/29/18.

Goal: By the end of Sprint 1, we want to have a basic backend and database deployed and we want to be familiar with Go, AWS, and Android development.

User Stories: (Total 29) week 4 and 5
1. As a developer I want a basic backend and database that can be accessed from a client (locally), so that I will eventually be able to use the API on the iPhone or Android app. (13 story points) <mark style="background:yellow">yellow</mark>
   a. Start on a basic server (1 hour)
   b. Add a couple test API endpoints (2 hours)
   c. Set up a database (2 hours)
   d. Access the database through the server (3 hours)
2. As a developer I want to deploy the backend on the cloud (eg. AWS), so that the client can use the API endpoints. (8) <mark style="background:#b4a7d6">purple</mark>
   a. Research how to use AWS (EC2, possibly their database as a service product) (3 hours)
   b. Transfer the code to the server and make sure it's deployed and working (1 hour)
3. As a developer I want to become familiar with the development and deployment tools (Go, Android Studio, being familiar with the cloud provider's system, etc). (5) <mark style="background:orange">orange</mark>
   a. Start learning Go and how to write a web server with Go (4 hours)
   b. Download Android Studio and learn how to create a basic Android app - Android 6.0 (3 hours)
4. As a driver or rider, I want to be able to create an account and be able to login/logout using Android. 5? (possibly use Google login api just for ucsc emails) <mark style="background:red">red</mark>

Team roles:
Harland Duman: Product Owner/Developer
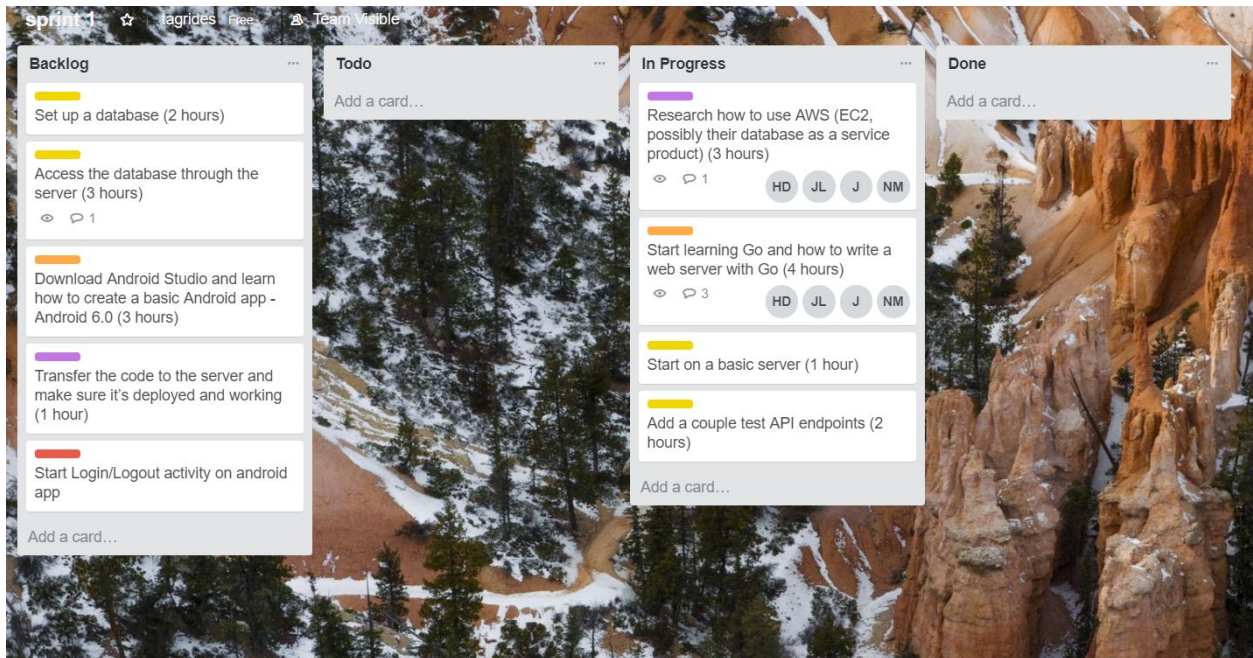Jonathan Molina: Scrum Master/Developer
Nick Mandel: Developer
Justin Liu: Developer
Initial task assignment:
All - Start learning Go and how to write a web server with Go
Initial burnup chart:

Initial scrum board:

Backlog

Set up a database (2 hours)

Access the database through the server (3 hours)
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Download Android Studio and learn how to create a basic Android app - Android 6.0 (3 hours)

Transfer the code to the server and make sure it's deployed and working (1 hour)

Start Login/Logout activity on android app

Add a card…

Todo

Add a card…

In Progress

Research how to use AWS (EC2, possibly their database as a service product) (3 hours)
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Start learning Go and how to write a web server with Go (4 hours)
👁 💬 3   HD JL J NM

Start on a basic server (1 hour)

Add a couple test API endpoints (2 hours)

Add a card…

Done

Add a card…

Scrum times:
Tuesday 9:50 AM
Thursday 9:50 AM
Friday 2:00 PM