

TagRides Release Plan Winter Quarter

Heading: TagRides Release Plan 1, TagRides, 3/12/18, 0.2 on 3/12/18

High Level Goals:

- Create a working backend that can be used by any clients APIs.
- Match people driving to campus with people who want rides to campus in real time
- Reduce the amount of people driving alone to campus (reduce carbon emissions from driving to campus)
- Allow users to create accounts with a UCSC email and login/logout
- Create a basic working Android app

User Stories

Sprint 1: (Total 31?) week 4 and 5

- 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
- As a developer I want to deploy the backend on the cloud (eg. AWS), so that the client can use the API endpoints. 8
- 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
- As a driver or rider, I want to be able to create an account and be able to login/logout using Android. 5

Sprint 2: (Total 21?) week 6 and 7

- As a rider, I want to be able to request rides. 5?
- As a driver, I want to be able to select riders. 5?
- As a rider, I want to see a notification when my driver arrives. 8?
- As a driver, I want to be able to say when I've picked up a rider. 3?

Sprint 3: (Total 29?) week 8 and 9

- As a driver I want to only see available riders to accept. 8
- As a rider, I want my location detected automatically when I request a ride. 13
- As a user I want to access different parts of the app through a menu bar. 13
- As a rider, I want to be able to see my location on a map. 8
- As a driver/rider I want to be able to rate my driver/riders. 5

Product Backlog:

- As a driver, I want to be able to scan riders' QR codes when I pick them up. 5?
- As a driver/rider, I want to earn points? 5?
- As a driver/rider, I want to be able to share a promo code with a new user and be rewarded for it. 3?
- As a driver/rider, I want to be able to see where riders/drivers are. 13?
- As a driver/rider, I want to be able to chat with riders/drivers. 13?