CSCE 606 Software Engineering
Project Iteration0

This is TAMUber group: Hair Protection
Team Roles:
Scrum Master: Handong Hao
Producter Owner: Di Tian, Guanyu Gao, Li-Hen Chen, Yining Zhou, Yue Ou take turns

First Meeting with Customer:
TTI building on West Campus from 3:00 pm to 4:00 pm on March 5th, 2019.

Summary of user need and how the application meets it

The customer wanted us to create a system to provide campus Uber service for students in TAMU, so that students, especially students with disabilities, can request a vehicle to get a ride near campus. Administrators should be able to log in to the system, check the information of vehicles and drivers, and manage the system in time.

We provide a web application for the administrators. When the administrator logs in, he can monitor the status of vehicles on Aggie Map to know exactly where they are. The administrator should be able to check the information of vehicles as well as drivers' information, and also edit this information. When students send a request to our application, we automatically match an available vehicle and a driver and dispatch them to pick up the students. Their starting locations and destinations are shown in the Aggie Map. Our websites also let students make a reservation for available vehicles on the schedules in advance.

User Stories:
Feature: Admin Account Password Reset
As an administrator
So that I can reset my password in case
I want to receive an email to reset my password

Feature: Add Drivers' Information
As an administrator
So that I can check drivers' information
I want to add the driver's information into the database

Feature: Check Vehicle Status
As an administrator
So that I can quickly get information about that car and assign available vehicles to students

I want to check the availability of vehicles when I move the mouse cursor to the car in monitor page

Feature: Vehicles on Aggie Map
As an administrator
So that I can monitor their behaviors
I want to see the positions of vehicles, on duty or free, on Aggie Map

Feature: Dispatch Calendar
As a student
So that I can arrange the time properly
I want to make a reservation for availability vehicles on the schedules.
I want to designate which car I want to take.

Lo-Fi UI:
Figure 1: Edit drivers' information
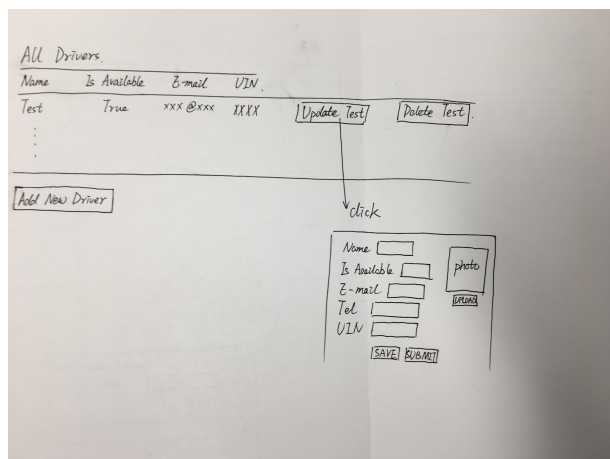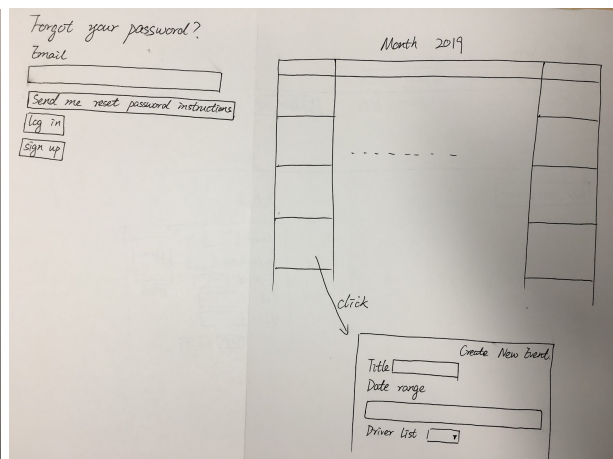Figure 2: Reset Password and Scheduler

Figure 1   Figure 2

Pivotal Tracker Link:
https://www.pivotaltracker.com/dashboard

GitHub Link:
https://github.com/LeonChen66/TAMUber

Video Link:
https://vimeo.com/325126781