**Release Plan**

**Product Name: Clubster**

**Team Name: Clubster**

**Release Name: Clubster 2.0**

**Release Date: 3/15/19**

**Members:**

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**High Level Goals:**

* Streamline Image Processing(AWS s3 connection)
* Enhance UI of application, building off previous knowledge
* Create Rides feature, drivers and attendees can easily use this to host/book rides to event
* Create D3 graphs. Club admins can use this to see where club needs work
* Create Chatting feature. Admins of a club can easily chat with one another
* Allow photo tagging. Users can be tagged and the photo will show in club/profile tabs
* Use Expo SDK for push notification on mobile device
* Host app on play store/app store

**User Stories For Release:**

* Sprint 1**:** 
  + As a user, I want to clearly understand how to signup/login and appreciate the UI/UX of the application so that I can fully utilize Clubster’s features.
* Change the UI of the signup screen to Figma Layout (5)
* Change the UI of the login screen to Figma Layout (5)
* Switch from successful signup to club screen (5)
* Fix backend code, make it clear and easy to understand + comments/doc(1)
  + As a user, I want to see the clubs that I am a member/admin of with a great UI/UX so that I can access Clubster’s features easily.
* Add blue header to HomeScreen + light blue rectangle with Admin and Member buttons (8)
* Place Abbreviation of Club in lower left hand corner with Helvetica font (5)
* If new or not joined, welcome message (1)
* Secure grid layout of clubs, responsive with solid behavior (3)
* Filter user’s club array from backend to match admin/member buttons (2)
* Add React Native Animation to enhance UI/UX of app (3)
  + As a user, I want to have access to my own information so that I can see my own data
* Add background image to profile screen (5)
* Center User’s information below profile picture with Helvetica font (3)
* Add three buttons below Information(Clubs, Pictures, Skills) (5)
* Make sure clubs user is admin of shows up in clubs tab with Helvetica font (3)
  + As a user, I want to know whether an admin has accepted me as an admin/member of a club so that I can see it’s information.
* Change Notifications UI to figma layout (4)
* Implement swipe functionality with Accept/Reject Buttons (5)
  + As a User, I want the image upload process to be smooth so that I don’t have to wait for unnecessary delays or deal with bugs
* Create AWS/S3 bucket (8)
* Store image url in mongodb instance instead of writing image data (13)
* When you change images, delete previous image Other Tasks (8)
* Sprint 2
  + As a user, I want to make sure the settings tab has full functionality with minimal bugs so that I can change my club’s inofmration, see photos, and delete members
    - Make the three tabs(Information,Photos,Tabs) similar to Figma layout (8)
    - Onclick photo upload -> Uploads to photos array of clubs with grid layout (21)
    - Build Form to tag others (13)
    - Backend for photo upload – id is pushed in club photos array and user’s photos array (8)
    - Put members list in Members tab with profile picture and delete button (3)
  + As a user, I want to easily be able to search which clubs I want to join and I want to appreciate the UI/UX so that I can see all the clubs on the platoform.
    - Change UI of each club cell to figma layout (8)
    - Incorporate GET/POST requests for likes to get like count (5)
    - Incorporate GET/POST requests for feedback to get feedback average (4)
    - Use members array in each club document to get member count (5)
    - Build Information component(Similar to Figma Layout) (8)
    - Build ClubStatistics Component(Similar To Figma Layout) (8)
    - Build PhotoGrid Component(Similar To Figma Layout) (8)
    - Build feedback component(Similar to Figma Layout) (8)
    - Build feedback form to add feedback(Similar to figma layout) (8)
* Sprint 3
  + As a user, I want to see the list of events that my organization is hosting so that I can be involved in my club
    - Make event card similar to figma layout (8)
    - Get driver count, member count, comment, and like count via GET request (8)
    - POST for Comment/Like (5)
  + As a user, I want to be able to book a ride or host a ride to an event so that I can get people coming to my club’s event
    - Create driving popup component (13)
    - Use Expo SDK to use Mapview, ensure there is a pointer to schedule destination (5)
    - Allow hosts to host rides (8)
    - Allow people who need ride to join (8)
  + As a developer, I want to know ho to use d3 to create stunning graphs so that I can code the graph sector of the application
    - Spend Sprint time learning d3. Be sure to pull from test mongo shell data (5)
    - Host infosession when knowledge acquired is sufficient (5)
  + As a user, I want to chat with other admins of my club so that I can be up to date on what events and other information is happening
    - Create Conversations Mongodb collection (1)
    - Create messages Mongodb collection (1)
    - Code GET/POST requests with socket.io connection (8)
    - Integrate backend with GiftedChat UI (8)
* Sprint 4
  + As a user, I want to see my graph data in a nice graph format so that it is easy to see what areas my club needs improvement in
    - Use sidebar d3 library to graph likes,comments, and people coming in (8)
    - Use circular graph library to get member retention percentage(Members who have attended 5+ events are considered retained or active) (8)
    - Use bar graph to show different feedback ratings (8)
  + As a user, I want to receive notification on the entry screen of my phone from Clubster so that I can be notified of what is going on in the application.
    - Use Expo SDK notification library and research on it (3)
    - Connect with Notifications model in backend folder (8)
  + As a user, I want to use the application so that I can see what clubster has to offer!
    - Host the app via Node.js libraries and Android Studio (13)
* Product backlog
  + Adding skills to users
  + Making events public/private
  + Collaboration events with other orgs.