Release Plan
Product Name: Clubster (ClubHub @ GrepThink)
Team Name: Khabibis
Release name: Clubster
Release Date: 12/7/18

Members:
- Mohammad Elattma (mzelattm@ucsc.edu)
    - Product owner, frontend
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    - Backend
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    - Product tester, frontend
- Maryam Majidi (mmajidi@ucsc.edu)
    - Node.js API integrator

High Level Goals:
- Populate an excel file with club data(5-6 entries)
- The basic UI for clubs - admins, members, managing multiple clubs - be able to join a club, make an account
- Approve members
- Decide of a backend structure with Mongo DB - adding clubs, posting(CRUD operations) events, verifying, pictures of users, etc.
- Integrate admin/member list and bulletin board (swipe view)
- Notifications tab-ui, backend, stable structure, remind users about PO's
- Enhanced event sharing
- Be able to verify clubs by auditing and add clubs to db(issue of school not giving prebuilt of officers)

User Stories for Release:
Sprint 1:
- (8) As a user, I want my data to be securely stored in a backend and always visible whenever I login so that I can have a good experience with the app
    - Secure MongoDB collections for Users, Clubs, Members
    - Use Node.js to read from file about club info
    - Tester would have to test via POSTMAN
- (13) As a user, I want the UI for the member list, notifications, and profile tabs to be easily understandable and functional so that I can easily navigate the app
    - Product Owner would have to make UIs easy to understand for Member List, Notifications, and Profile Tabs
    - Frontend Developers would have to code the User Interfaces via React Native and Expo

Sprint 2:
- (8)As a user(admins), I want to be able to put the events my club wants to host in a backend and I want to see my data via dashboard so that I can make decisions backed up my data.
    - Make a collection for Events via MongoDB
    - Fetch from MongoDB and use D3.js
    - Product Owner and Frontend Developer collaborate to make a good UI
    - Tester would have to test via POSTMAN
- (8)As a user(admins), I want to see the balance of my club and message the other admins of any issues so that my club can be well informed of issues.
    - Make a collection for Members, Expenses, Chats via MongoDB
    - Use the built in nodejs socket library and work with backend devs to secure chatting backend
    - Product Owner and Frontend Developer collaborate to make a good UI
    - Tester would have to test via POSTMAN

Sprint 3:
- (13)As a user (member), I want to see all the events for each club and I want to comment and like so that I can affect my club in some way.
    - Do GET requests on event collection and filter properly
    - Create collections for liking/commenting
    - Product owner and front end developer establish and develop UI
- (8)As a user (member), I want to get a ride to go to an event so that I can see what my club is up to!
    - Make a Mongo DB collection for slides
    - UI design-important since this can be confusing
- (8)As a user (member), I want to give feedback to an event so that admins can see how my experience was with events.
    - Make a collection for feedbacks and make sure admins see

Sprint 4:
- (8)As a user (admin), I want to put my club in the app's database so that I can use the app's features!
    - Mongo DB integration
    - Auditing
- (13)As a user (admin), I want to see nice graphs of my club's data so that it can be clear what my cub needs to work on.
    - Frontender integrates D3 with backend
- (8)As a user (admin/member), I do not want to experience any bugs so that I can have a good experience with the app.
    - Tester will test with POSTMAN and run app

Product Backlog:
- Add other schools
- Activity Scores
- Elections
- Polls
- Incentivizing