

Installation Guide for Clubsters App
Product Name: Clubster (ClubHub @ GrepThink)
Team Name: Clubsters
Date: 12-02-2018

Thank you for taking interest in Clubster, the app that connects a community of clubs with their members the easy way! The steps below will show you how to run the Clubster application. Before beginning, make sure the system requirements are satisfied. If you are missing something, install it and carry on.

System Requirements:

- Android Studio
- Android API 26 (or higher)
- Node.js
- Node Package Manager
- Expo

Running the App:

1. Begin by creating a directory named 'Clubster' on your local computer.
2. Clone this GitHub repository into the newly made directory:
<https://github.com/moelattma/Clubster>
3. Launch Android Studio and open the Android Virtual Device (AVD) Manager, create a virtual device, and open the device.
4. Launch your favorite browser.
5. Using two terminal windows/tabs:
 - a. In the first window/tab, navigate to Clubster/clubster-backend and run these commands:

```
npm install bcrypt
npm install multer
adb reverse tcp: 3000 tcp:3000
npm run dev
```
 - b. In the second window/tab, navigate to Clubster/clubster-frontend and run the command:

```
npm install
npm install -g expo-cli (If you do not have expo)
expo start
```

6. Once the Metro Bundler tab opens in the browser window, click 'Run on Android Device/emulator'. You will be able to run the app on your emulator.
7. Note: If app doesn't recognize some node_module, just npm install that module in the folder that complained. An example could be "Does not know react-native-form", so just do npm install react-native-form. Should happen 0 or minimal amount of times. Npm install installs an exhaustive list of node projects, so due to computer bandwidth or performance limitations, it may have trouble installing each required dependency.