



Documentation for Users

The MACH App will be used as an incentive program where users complete tasks through the app and receive rewards (merchandise, trips, etc) in return. The goal is to support athletes who choose to 'sponsor' MACH. The uniqueness and appeal of the app is its use of physical rewards.

- To install and run the software, simply download the app off the IOS or Android app store.
- There is very limited use of the app as this is a zero feature release, however, future plans are to design the app similar to other popular platforms.

Documentation for Developers

To install:

- Clone the github repo: <https://github.com/Bash20/MACH1>
 - If you do not have git installed, run the following command:
 - `sudo dnf install git-all`
- In the project, cd into the MachProject folder and run the following command:
 - `"npx expo install"`
 - `"npm install @expo/ngrok@^4.1.0"`
 - If `"command not found: npm"`
Do `"brew install node"` then `"npm install -g npm"`
then try again

To Run:

- Next, download the expo go app, and login. If you do not have an account, create one.
- Once you have the app downloaded and an account created, return to the terminal and run the following command:
 - `"npx expo login"`
 - Log in with your account in the terminal
- Open the app on your phone, then run the following command in the terminal:
 - `"npx expo start --tunnel"`
- Once it finishes loading and you see a QR code appear in the terminal, refresh the app on your phone. Under Development Servers, you should see a button appear.
 - Clicking on the button will load up the app on your phone.
 - If that doesn't work, scan the qr code on the screen with either your camera app or a qr code scanner.

- After setting up the app for the first time there will be a button on the expo go app, so you won't need to scan the qr code again. Simply just run `"npx expo start --tunnel"` in the MachProject folder and click the MachProject button on the expo go app and it will connect.

Layout:

- The Mach App launches from the App.js file.
- The components folder contains all the components we use in the app. Currently: Header.jsx. In the future, it will contain button functionality.
- Documentation folder: Contains the developer notes, and end-user information.

Test Suite:

- Currently, we do not have any tests up in running. However, in the future, we will include a host of test information that will adequately stress test each component, and the system as a whole.
- Will also include a list of common bugs/errors, and outstanding bugs/errors

Automated build and test:

- Not implemented currently

New Release Instructions:

- Not implemented currently, but will be updated for future sprints.

Comments:

- Comments of the code can be found in the following:
 - Folders: Components, App
 - Files: App.js