

Installation Guide

Installation/Maintenance Document

STEP 1:

Prior to installing

1. Make sure you have an IDE available. **Visual Studio Code is highly recommended, as it is free and has a built-in terminal, which we will be using.**
2. Make sure you have Git installed, so you can run git clone.
3. Make sure you have Node.js installed. If you don't have it, you can find it here: <https://nodejs.org/en/>
4. Make sure you have an Android emulator available. If you don't, the Android Studio is recommended. Visit <https://developer.android.com/studio> to download the free version.
5. If you are a Mac user, you can use the Xcode simulator for running IOS devices. The only requirement is to have Xcode installed in your computer, which you can download from the Mac App Store.
6. Make sure you have the Expo CLI installed. To do this, simply open your terminal and run `npm install expo-cli --global`.

Note: If using a Mac, run `sudo npm install expo-cli --global`.

STEP 2:

Getting set up and cloning the project

1. Open Visual Studio and press `Ctrl+`` (that's the backtick key. It should be above your Tab key and to the left of your 1 key). This will open up Visual Studio Code's built-in terminal.
2. Use `cd <directory>` to navigate to the directory where you plan to clone the project and run `npm install expo-cli --global` to install the expo CLI.
Note: If using a Mac, run `sudo npm install expo-cli --global`.
3. Run `git clone https://github.com/diacruz/med-app.git` in the same directory where you ran Step 3.

STEP 3:

CONFIGURING FIREBASE (PART 1)

Setting up Firebase

1. Go to www.firebase.google.com and utilize the following credentials below to login into the pre-existing firebase account that was created.

Email: pemmedapp@gmail.com

Password: panthers2020

2. Once that's done, click "Go to console" in the upper right corner.

3. Open Visual Studio Code and in it, click “File” → “Open Folder”, and then open the directory created when you completed Step 4 in the “Getting set up” section (it should be called PediatricEmergencyApp).
4. On the left hand side, you should see a list of directories and files. Open the one named “backend” and open “firebase.js”.
5. You will need to create a firebaseConfig.js file and put the following firebase config keys as shown below:

```
const config = {  
  apiKey: "AIzaSyB9-PR4nCh8T6nNtqvnMhYFLyxr7ZLXJV8",  
  authDomain: "med-app-519aa.firebaseio.com",  
  databaseURL: "https://med-app-519aa.firebaseio.com",  
  projectId: "med-app-519aa",  
  storageBucket: "med-app-519aa.appspot.com",  
  messagingSenderId: "692901117220",  
  appId: "1:692901117220:web:b507bd72c70400551587b1"  
}  
  
export default config
```

There is no need to delete this file or erase the keys when uploading to master because in “.gitignore” it will ignore this file and not upload it. Please do not share these keys with anyone.

1. Optionally, press Alt+Shift+F to format.
2. Save your changes and in the Firebase window from Step 8, click “Continue to console”.

STEP 4:

If you downloaded Android Studio (if you didn’t, open your available Android emulator and go to “Running the project” section)

1. Open Android Studio.
2. Select the “Configure” option on the right-bottom corner and select “AVD Manager” from the list of options.
3. Click on the “+ Create Virtual Device” button at the bottom of the screen, and then choose the device you would like to install.
4. Click “Next”.
5. Choose a system image or leave the default and click “Next”.
6. Leave current settings and click “Finish”.
7. Once installation is complete, double click the device to start it up.

STEP 5:

Running the project

1. Go to Visual Studio Code, and in the terminal, run `npm install`. This will ensure you have all the packages needed for the application to work.
2. Once that finishes, make sure you have an Android emulator running, whether it be Android Studio or otherwise.
3. Run `expo start --android`. This will install the Expo client on your running emulator and start the project.
4. If using the Xcode simulator for Mac, run `expo start --ios`.

Congratulations!

The Pediatric Emergency Medicine App is all set and ready to go!