

1. Team Information

- Group name: Group 3
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2. System Overview

Our project is an EMT Dosage Calculator Mobile Application which is used by EMT and Paramedics to quickly make dosage calculations in any area regardless of service. It can also be used for civilians to track their own personal medications and set alarms.

3. Access Instructions

Code Repository: <https://github.com/jdascoli/EMTDosageApp>

Code ReadMe:

<https://github.com/jdascoli/EMTDosageApp/blob/main/Contents/README.md>

Instructions to install and run the project:

1. Clone the project to an IDE of your choice.
2. Make sure you have an android/iOS device to plug in to your computer or have a phone emulator installed.
3. Open a new terminal to ...\\EMTDosageApp\\
4. Run “cd Contents”
5. Run “npm install”
6. Run “npx expo start”
7. Press “a” for android and “i” for iOS once the project is done building, which will bring up the app on your connected device.

Instructions are also in the ReadMe file located in
...\\EMTDosageApp\\Contents\\README.md

No test accounts since it only has a local database saved to the device at this time.

4. Required Test Scenarios

1. Click on the Log in as Guest button to go in as a normal user.
(If the database does not load, log out and sign in again and it should load).
2. Test the medicine calculations by putting custom metrics after selecting a medicine on the home screen.

3. Try out different filtering options on the top right of the home screen.
4. Test the contraindication checker on multiple medicines.
5. Log out and try to create a new account.
6. Try making accounts with different certification levels and checking the medicines available.
7. Try to log in with the newly created account and test out making schedules for medicines on the schedule page with different medicines and frequencies.

5. Additional features

1. Try out the display disclaimer button on the settings page.
2. Try out the link to verify your certification id to see if it loads.
3. Turn on the phone's dark mode setting if available to see which pages need improving in dark mode.