

1. Install [Android Studio](#)
 - a. Go to *Tools* → *Device Manager* to create a new device
 - i. Create a new Pixel 8a device
 - ii. Download the Tiramisu 33 SDK
 - iii. Name it whatever you'd like, I added "(ChoreMates)" to the end of the default name
 - b. If you have issues running the emulator, try out these [steps](#)
 - i. Go to *Tools* → *SDK Manager* and check that you have Tiramisu 33 installed, that the AVD is up to date, and that the emulator package is installed
2. Install MySQL and create the database according to the database documentation
3. Create a folder on your Desktop (or somewhere else you can find it easily)
4. Clone the Git repository to your local machine
 - a. In the api folder, install the following:
 - i. `npm install`
 - b. In the app_ui folder, install the following:
 - i. `npm install`
5. Make a branch: `git checkout -b [your_name]`
6. Make necessary changes:
 - a. `cd` into the api folder and open db/connection.js
 - i. create a file named `.env`. Put your root password for your local mysql database in the file.
Format: `DB_PASSWORD=yourpassword`. Replace 'yourpassword' with your root password.
 - ii. save changes then in command line (still in api folder) type `node index.js` to start the server
 - iii. you should get the two messages:
 1. Server listening on port 3000.
 2. Connected to database.
 - b. `cd` into the app_ui folder
 - i. change the port to your computer's local ip address
 - ii. save changes then type `npm start` to start the server
7. Check to see that everything is working:
 - a. To start the back end express server: `node server.js`
 - b. To start the front end expo (react-native) server: `npm start`
 - i. can view the results in the emulator by typing in "a" after the server qr code gets generated
 - ii. register an account and have fun exploring the app!