**Step 1: Install**

SafeRide web app back end server is hosted using a local Node server, and locally hosted Mongo Database. To start the app

Install the Following

Node Js

Express

Mongo

Body-parser

These programs can be installed used programs like NPM, or Brew. A package.json file is included in the repository and this can also be used to install the required files.

**Step 2: Run**

Open a terminal window and type *mongod.* This should open a database hosted on port 27017. This is the standard mongo port and should not vary unless otherwise changed on your local machine for other purposes.

In a new terminal open the file server.js using node. Typing *node server.js* or *nodejs server.js* should accomplish this.

This will host a server that is listening on port 8080. Using a internet browser of your choice navigate to localhost:8080. This will open the index page and allow submission of rides, and creation of user profiles.

**To create a Dispatcher Profile:**

To be given access to the dispatcher menu an alteration to the selected profile must be made in the mongo db. To do so follow these steps:

1. Create a normal profile using the sign in process.
2. Open Mongo in a terminal window
3. Navigate to the data base called “db\_name”
4. Using the collection “users” search for the selected profile and add the field local.dispatch to a value of 1. This is commonly accomplished using a command such as.

db.users.update(set${{“local.name”: *“profileName”*},{“local.dispatch”: 1}})

1. Log into that profile using the dispatch login.