

WhatDoesAllThisMEAN

app — this is the directory that stores all the configuration, database model, and API routing files

- *config.js* — here is where the mongoDB login information is stored, nothing crazy
- *model.js* — here is where we use mongoose to create the database schema that will be used for mongoDB
- *routes.js* — this is an important one: it is the backend routing file for all the APIs in the app. whenever we use an API, it gets sent over here and these functions handle the calls. after it's done, it sends the response back to the front end (more on this after when we get to the 'public' folder)

bower_components — there are a bunch of bootstrap components in here. nothing to worry about

node_modules — stores all the node.js modules that we could potentially use. any dependencies in the app get pulled from this folder

public — now we're getting to the client side. this is where all the front-end files are stored

- **js** — this is a super important folder. all of the controller files are in here. controllers basically control the current selected view in angular. this will become more obvious once we talk about views more.
 - *addCtrl.js* — this is the controller file that handles adding users to the database. The most important thing to point out in here is the "createUser" function, which adds a new user to the database via a post request (this gets sent to the routes file that we talked about earlier and gets handled there.)
 - *app.js* — this is also a super important file. it tells the application which controllers are relevant, when to show them in the current view, and what HTML files to use to display their contents on the page.
 - *gservice.js* — incase we wanna use maps, the is gonna be the controller we reference that handles all things Google Maps
 - *headerCtrl.js* — the little header at the top of the page that says "Sign-In/Up" and "MBTA" is controlled by this
 - *mbtaCtrl.js* — in here i put all of the MBTA API calls. when a user clicks a button, it triggers one of these calls, which then gets sent to that route.js file we talked about earlier. that file is private so it does not expose the API key to the world, hence, the reason we use routes.js.
- **partials** — this folder contains the HTML files for our views.
 - *addForm.html* — sets up the new user form and links to the addCtrl file for functions
 - *mbtaForm.html* — sets up the buttons for the MBTA API requests and links to the mbtaCtrl.js file for functions
 - *index.html* — this one sets up the dynamic page that the user sees. if you look into this file, you'll see that it sets up the general look of the page, but allows for the page to be dynamic as angular is going to be handling all of the view changes, etc. through the view/controller setup that we've discussed briefly
 - *style.css* — good old CSS styling right here

server.js — sets up the node server