

## Assignment 5

Ekaterina Vorobieva

### Frontend modules

listing.client.

- handles view state

\* routes: relates url paths to views' states for each path, there is a view

\* controller: controls scope variables in response to factory method calls.

factory: creates 'Listing' and defines methods which pass back Http calls to urls mapped out/supported by server backend.

app.js

- creates 'listings' module
- adds in dependencies
- configures app to use html5 and redirect to /listings for unmapped route requests.
- starts app in state 'listings.list'

all.html: views associated with each feature.

index.html dynamically nests the other html views inside itself for state changes.

### Backend

- describes url routes to server

app.js: calls express.js to configure server, then starts server on config port

express.js: connects to mlab, initiates the app module, starts logging, sets up middleware use, serves html files in public & client, set up router to path on /api/listings/..., sets up server wrapper for google maps, and redirects to index.html for all other unspecified paths.

coord.server.controller: sends address from request body to google api to get Lat/Long coordinates. Passes them into request.results. Acts as middleware for the map function.

listings.server.controller: handles mongoose queries to listings collection in mlab. methods to manipulate database.

listings.server.model: defines Listing schema to mongoose. defines a 'pre' method for the schema.

listings.server.routes: router is set up to associate a url and http request type with a behavior defined in listings.server.controller