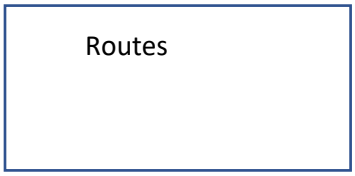
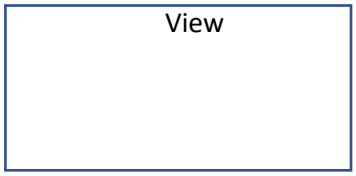


On client side, routes take in states, which is a name for each view that navigates client.

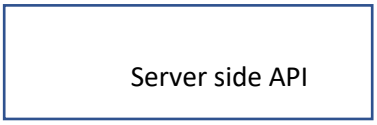
On server side, routes take in http requests, such as GET, POST, etc.

Routes send client from one view to another



When the server is retrieving information, put a loading image for view will let the client View know. Once the information is retrieved, cover the loading picture.

Client controller contains all the functions that view might need. View can make call to the server and retrieve, upload, edit, delete, etc.



Server side API handles some requests, like coordinates for building location in this project.

Calls such as reading file should be handled asynchronously. It usually takes a while for server to fetch all information, making it asynchronously can let the program process while waiting and then handle error if the current task has any.

On backend, controllers define multiple functions for a specific routing. Each function will give a response according to the request.

When user input is successfully handled, put success message inside the scope.