**Meeting Date**

* W4: Sun 11th October

**Participants**

* Dom
* Youshi
* Hazel
* Jet
* Shelby

**Agenda**

* Jet walkthrough of front end
* Flow control and exception handling
* Front end tutorial
* List of modules for venv
* Youshi walkthrough on pull requests

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| **Item** | **Notes** |
| Jet Demo | * Login isn’t working yet but registration is done * Account page needs some empty text and logout button * Use @app.route to define functions that get called fetch   + Use .then to process the results of your function * SetState updates the state and re-renders * Npm start in the react-app folder automatically goes into flask * componentDidMount()   + Defines what you want the page state to be upon reset   + Every time you refresh it does a set of things you want as standard * Remember to bind event handlers like  this.handleChange = this.handleChange.bind(this)   + Binding occurs in constructor * Index.js in src folder contains the imports for any new components   + First add in an import   + Then add route to const routing * Component folder, css folder and image folder in the src/ folder   + Component folder is where you write jsx   + Put new folder in components to put new page code in   + Filetype must be .jsx   + New .jsx files must end with ‘export default [classname]’   + Need a <div> wrapper for render return of a jsx   + Navbar is a global class that you can include to the top of every new page/route * Binding such as onClick = {this.onClick}   + Dont do this.onClick() as if youre calling the function   + Youre binding the function reference rather than calling function   + This is different in the arrow function method * Everyone starts with stock details page * All the jsx stuff is client side, the way register works is there is a constant update of the state when there is a change via onChange, and eventually when register is clicked, the state is jsonified and sent to server |
| Exceptions | * Don’t use exceptions for now * Helper functions directly called as part of flow in flask backend rather than in the original functions |
| Front end tutorial | * Youshi: Done * Dom: Done * Hazel: Done * Shelby: Done * Jet: Way beyond that |
| Dependencies | Everything in the setup so far   * Pip install flask python-dotenv * Npm install jquery * Npm install bootstrap * Npm install react-router-dom * Sqlite * Bcrypt * flask-cors   To start, run these commands in two terminals in react-app folder   * Npm start (This runs React) * npm run start-api (This runs the flask server) * Reason there are two is because npm start gets the frontend localhost:3000, but the backend flask does localhost:5000 |
| Pull Requests | * Formal way of merging branches * Displays code changes * Can start reviews on code changes, for others to see and discuss * Once reviews are resolved, the merge can go ahead. |
| Availabilities | * <https://www.when2meet.com/?10056867-JMzYV> * Monday 4pm onwards: * Wednesday Night Demonstration Practice |
| More backend fucntions in API | * stock-last(name): gives   + Market cap   + Current price   + Daily volume   + Number of shares   + Annual yield * Stock-last-week(name):   + Last business 5 days of stock-last(name) |

**Action Items**

* Complete login and stock details page tonight
* Big work session from 4pm Monday, otherwise everyone can see each other’s availabilities and just message each other