

OAC Group C Scrum Meeting Minutes  
Monday October 17, 2022

**Present:**

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**Meeting Purpose:**

*Prepare tasks for upcoming week, prepare agenda for client meeting, finalize requirements and ensure team members are on same page for breaking ground on working on code.*

**What was discussed:**

Need to figure out / install tech stack and ensure it works  
Need to figure out how we are going to host website for local host testing  
Potential solutions: - **to do: research more**  
    Docker  
    Github pages

Details of tech stack was discussed :

- We need to download node js and set up node server
- We need to download react libraries
- We need to determine VSCode setup and extensions needed
- We need to ensure setup is running properly on all our computers so that we don't have any technical delays

Creating sitemap:

- Sitemap is a document that lists all websites within a domain
- We can automatically create this later in development

For now we want to develop a diagram that includes all the pages, page descriptions and links.

**Diagram started:**

**1.Index.html - purchase firewood or login as employee**

**2. Emp\_login.html**

**2. Cust\_purchase.html**

**3. Purchase summary.html**

UX/DESIGN:

- Need to research css stylesheets / frameworks that work with both mobile and desktop

TECH STACK RESEARCH:

[https://www.bezkoder.com/react-node-express-mongodb-mern-stack/#Reactjs\\_Front-end](https://www.bezkoder.com/react-node-express-mongodb-mern-stack/#Reactjs_Front-end)

React notes:

Set-up

- At the folder you want to save project, npx create-react-app react-crud

- After, create folders inside the project

## Public

### Src

- Components
  - add-tutorial.component.js
  - tutorial.component.js
  - tutorials-list.component.js
- Services
  - tutorial.service.js
- App.css
- App.js
- index.js
- package.json

- Import bootstrap to react crud app (npm install bootstrap) (react gets imported inside src/app.js file, alongside bootstrap)
- Add react router to react crud app (npm install react-router-crud)
- add navbar to react crud app
- Initialize axios for react crud http client (npm install axios) import axios in http-common.js (axios sends http requests)
- Create a data service file to send http requests with axios
- Create React components/pages

### Node.js notes:

- Download node from official website
- install command prompt(before vs code) (make sure versions are the same)
- Open VSCode (open folder, files related to the node server)
- Open terminal in VScode
- create back-end directory (inside node server folder)(mkdir folder)(hold server related files and packages)
- Inside back-end folder(create JSON file, holds metadata of mern stack)(functions executable by npm)
- (npm init -y) → creates JSON file
- Install dependencies for node server( npm install express) (mongoose? Helps with MONGODB)(cors permits AJAX requests)(dotenv, load environment variables)
- Install nodemon (npm install -g nodemon)(restarts node app when changes are made)
- Ready to start backend development (create server.js file)
- After successfully running node.js server, can connect to mongoDB using a mongoDB account

## To do this week:

### *To turn in*

**Requirements report due friday**

Peer Evaluation Due friday

Gitstats Due friday

### *For project development*

**Create a sitemap**

**Get development environment setup**

- Create react app
- Create node app
- Create Mongo DB account
- Local Hosting with Docker