**Technical Specification Document**

Project Name : MBB-REACT-UI

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**Overview**

MBB-REACT-UI is a simple front end application which is developed using ReactJS

Build Platform : Typescript, ES6, React, Axios, Tailwind

Repository : https://github.com/hanep/mbb-react-ui

**Product Requirement**

Customer Management (front end) – Create and Read customer.

**Local Setup**

1. Clone the folder from <https://github.com/hanep/mbb-react-ui>.
2. Ensure that you have MBB Spring Boot CRUD (<https://github.com/hanep/mbb-springboot-crud>) services running using Maven (eg: PORT 8080).
3. Copy and rename .env.example into .env and set up the configuration url.
4. Perform the following command in your terminal:

### ‘yarn’

This will install all necessary node modules used for the application to work.

### ‘yarn start’

Runs the app in the development mode. Open [http://localhost:3000](http://localhost:3000/) to view it in the browser.

The page will reload if you make edits. You will also see any lint errors in the console.

## Additional Command

### ‘yarn format’

Launches the code formatting and indentation.

### ‘yarn test’

Launches the test runner in the interactive watch mode. See the section about [running tests](https://facebook.github.io/create-react-app/docs/running-tests) for more information.

### ‘yarn build’

Builds the app for production to the build folder.  
It correctly bundles React in production mode and optimizes the build for the best performance.

The build is minified and the filenames include the hashes.  
Your app is ready to be deployed!

### ‘yarn eject’

**Note: this is a one-way operation. Once you eject, you can’t go back!**

If you aren’t satisfied with the build tool and configuration choices, you can eject at any time. This command will remove the single build dependency from your project.

Instead, it will copy all the configuration files and the transitive dependencies (webpack, Babel, ESLint, etc) right into your project so you have full control over them. All of the commands except eject will still work, but they will point to the copied scripts so you can tweak them. At this point you’re on your own.

You don’t have to ever use eject. The curated feature set is suitable for small and middle deployments, and you shouldn’t feel obligated to use this feature. However we understand that this tool wouldn’t be useful if you couldn’t customize it when you are ready for it.

## Repository Maintenances

We uses conventional commits (<https://www.conventionalcommits.org/en/v1.0.0/>) for each GIT commits easier for human and machine readable.

**Deployment and Infrastructure**

The deployment process and infrastructure setup is housed with in the CDK under the ‘infrastructure’ folder.

For now this infrastructure section is still under development.