

Quick Start

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Installation & Running project locally

Installation

The first step is to clone the project. Once succeeded, then run the following commands from project directory where **package.json** exist.

Default code example:

```
npm install
```

```
npm start
```

View in Browser

Once all the required packages are installed by running the above command, open the browser and browse to: <https://localhost:3000>

Code Intro

Framework:

ReactJS is used as a FE applicaiton development library. The time when project was started, version 17 was the latest.

package.json

```

<!DOCTYPE html>
<html lang="en">
  ...
  {
    "name": "kmyynti",
    "version": "0.1.0",
    "private": true,
    "dependencies": {
      "@storybook/addon-actions": "^6.0.28",
      "@storybook/react": "^6.0.28",
      "@testing-library/jest-dom": "^5.11.4",
      "@testing-library/react": "^11.1.0",
      "@testing-library/user-event": "^12.1.10",
      "axios": "^0.21.0",
      "babel-loader": "^8.1.0",
      "bootstrap": "^4.5.3",
      "env-cmd": "^10.1.0",
      "jquery": "^3.5.1",
      "react": "^17.0.1",
      "react-adal": "^0.5.0",
      "react-bootstrap": "^1.4.0",
      "react-bootstrap-typeahead": "^5.1.4",
      "react-dom": "^17.0.1",
      "react-loader-spinner": "^4.0.0",
      "react-loading-overlay": "^1.0.1",
      "react-modal": "^3.12.1",
      "react-redux": "^7.2.2",
      "react-router": "^5.2.0",
      "react-router-dom": "^5.2.0",
      "react-scripts": "4.0.0",
      "react-spinners": "^0.10.6",
      "react-table": "^6.8.6",
      "react-table-latest": "npm:react-table@^7.6.2",
      "react-table-stable": "npm:react-table@^6.10.3",
      "react-table-v6": "^6.8.6",
      "react-to-print": "^2.12.1",
      "react-tooltip": "^4.2.13",
      "redux": "^4.0.5",
      "redux-form": "^8.3.7",
      "redux-thunk": "^2.3.0",
      "rimraf": "^3.0.2",
      "typescript": "^4.0.5",
      "web-vitals": "^0.2.4",
      "webpack": "^4.44.2"
    },
    "scripts": {
      "start": "react-scripts start",
      "build": "react-scripts build",
      "build:dev": "env-cmd -f .env.development npm run build",
      "build:test": "env-cmd -f .env.test npm run build",
      "build:qa": "env-cmd -f .env.qa npm run build",
      "test": "react-scripts test",
      "eject": "react-scripts eject"
    },
    "eslintConfig": {
      "extends": [
        "react-app",
        "react-app/jest"
      ]
    },
    "browserslist": {
      "production": [
        ">0.2%",
        "not dead",
        "not op_mini all"
      ],
      "development": [
        "last 1 chrome version",
        "last 1 firefox version",
        "last 1 safari version"
      ]
    }
  }
  ...
</html>

```

The code walkthrough will be done after giving introduction of whole application.

Design Library

ReactBootstrap is used as a design library. <https://react-bootstrap.github.io> Other libraries which have been used in project are:



jquery

jquery has been used at many places in the project to implement different requirements of the project.



react-table-v6

This is the main and very important part of application. The library has been used in **TILAUS** page for creating the orders, on **Paivan Tilaukset** to show the orders of the day, and **Vanhat Tilaukset**.



react-modal

This library has been used to display the dialogues against various actions including **Errors Messages, Success of some action** etc...



Redux

The core of this application is state management and **REDUX** store has been used for this purpose. All the states of the application are managed through Redux Store.

For demonstration, I will show you the examples by running the Application, by going through the code, and by using browser extension **Profiler**