**Development Installation guide.**

**project build using React Library**

1- library react js  
2- design helper reactstrap (react bootstrap)

3- typescript

4-state managment redux tollkit

5-sass

1 - Install the latest LTS versions of Node.js from [https://nodejs.org](https://nodejs.org/)

2 - Clone the project on your machine, then from the terminal window go to the application directory then to the sub-directory called `Source` then run the following command `npm install` to install the dependencies as defined in the package.json file.

3 - From the `Source` directory go to `env` folder and create `.env.development` file for environment variables, see the `.env.dist` as an example.

4 - Then run `npm start` from `Source` root and it will run the application and navigate you to `http://localhost:3000/` server.

5- to build project run `npm run build`

6- projcect is build using mvc design patterns

7- you can see the dependency digram for projcect inside documentationa folder

to understand project structure

8- some images is missing in banners api (centered images)

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sprint 0

1- code base initiation

define layout(header-footer-sidebar-body)

define structure

time tracking :4 hours

points:2

sprint 1

2- Homepage

time tracking :8 hours

points: 6

sprint 2  
3- Latest news

time tracking :2 hours

points: 2

sprint 3  
3- Things we Do

time tracking :5 hours

points: 3

sprint 4  
3- Refactoring

time tracking :5 hours

points: 4

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