**Lab 1 : Creating a New Project**

## Objectives

*  Create a new React project (app)
*  Open the new project
*  Review the default project structure

## Steps

### Create a new React project

1. As part of the lab setup, you create a code (or whatever name your prefer) directory for the course (somewhere on your computer that you would easily remember). If you haven't created a directory yet please do that now.
2. **Open** a command prompt (Windows) or terminal (Mac).
3. Change the **current directory** to your code directory.
4. **Run**  the following command to use npm as your package manager:

npx create-react-app keeptrack --use-npm

### Open the new project

1. **Change** the current **directory** (cd) to the directory you created in the last step.

cd keeptrack

1. **Open** the keeptrack directory in your **editor** of choice.

If you are using Visual Studio Code you can run the following command in your terminal: code .

...code refers to Visual Studio Code and . means current directory

### Review the default project structure

1. Take a few minutes to go over the default project structure. Below are some files to look at:

* package.json
* public/index.html is the page template
* src/index.js is the JavaScript entry point

For the project to build, **the last two files above files must exist with exact filenames**:

You can delete or rename the other files.

You may create subdirectories inside src. For faster rebuilds, only files inside src are processed by Webpack. You need to **put any JS and CSS files inside**src, otherwise Webpack won’t see them.

Only files inside public can be used from public/index.html.

## ✔ You have completed Lab 1.