

Instructions:

React Todo App

This is a sample react todo app done as part of Superloop Assignment.

Instructions

First clone this repository.

```
""bash
$ git clone https://github.com/winklekumar/todoListDemo.git
""
```

Install dependencies. Make sure you already have [nodejs](https://nodejs.org/en/) & [npm](https://www.npmjs.com/) installed in your system.

```
""bash
$ npm install
""
```

Run it

```
""bash
$ npm start
```

Please set-up REST Service SpringBoot Separately in Spring Boot Supported IDE and make sure that its run on 8080 port number.

The REST API URL is http://localhost:8080/todos

Welcome Screen

SUPERLOOP - THINGS TO DO

Add New TODO	Description	dd/mm/yyyy	ADD
<input type="checkbox"/>	Learn React		
<input type="checkbox"/>	Bundle UI and Java		
<input type="checkbox"/>	Submit Test Result		

3 items overall

AllActiveCompleted

Overall Status:
Addition of new TODO

SUPERLOOP - THINGS TO DO

Add New TODO	Description	dd/mm/yyyy	ADD
--------------	-------------	------------	-----

☐ Learn React

☒ Bundle UI and Java

☐ Submit Test Result

3 items overall

All

Active

Completed

SUPERLOOP - THINGS TO DO

Add New TODO	Description	dd/mm/yyyy	ADD
--------------	-------------	------------	-----

☐ Learn React

☒ Bundle UI and Java

☐ Submit Test Result

☐ Test TODO

4 items overall

All

Active

Completed

Completed Status

SUPERLOOP - THINGS TO DO

Add New TODO	Description	dd/mm/yyyy	ADD
--------------	-------------	------------	-----

☒ Bundle UI and Java

4 items overall

All

Active

Completed

REST Service Folder Snapshot :

```
▼ TODO-Spring-Boot-REST-Service [book]
  ▼ src/main/java
    ▼ todo
      ▶ Application.java
      ▼ todo.controller
        ▶ TodoController.java
      ▼ todo.model
        ▶ TodoItem.java
      ▼ todo.service
        ▶ TodoService.java
        ▶ TodoServiceImpl.java
    ▼ src/test/java
      ▼ todo
        ▶ TodoControllerTests.java
  ▶ JRE System Library [JavaSE-1.8]
  ▶ Maven Dependencies
  ▶ profile
  ▶ src
  ▶ target
    ▶ build.gradle
    ▶ gradlew
    ▶ gradlew.bat
    ▶ manifest.txt
    ▶ mvnw
    ▶ mvnw.cmd
    ▶ pom.xml
  ▶ todo-web-service
```

```
17
18 @RestController
19 @CrossOrigin(origins = "http://localhost:3000")
20 public class TodoController {
21
22     TodoService todoService = new TodoServiceImpl();
23
24
25     /*
26     * Method to fetch List of TODO Items
27     */
28     @RequestMapping("/todos")
29     public List<TodoItem> getTodoList() {
30         return todoService.getTodoList();
31     }
32
33     /*
34     * Add an item to the TODO List
35     */
36     @RequestMapping(value="/addTODO", method = RequestMethod.POST)
37     public void addToList(@RequestBody TodoItem todoItem) {
38         todoService.addToList(Long.toString(todoItem.getId()), todoItem.getText(),
39             todoItem.getCompleted(), todoItem.getDueDate());
40     }
41
42     /*
43     * Set the status as completed for the to do list
44     */
45     @RequestMapping(value="/completeTODO/{id}", method = RequestMethod.DELETE)
46     public void removeFromList(@PathVariable("id") long id) {
47         todoService.removeFromList(Long.toString(id));
48     }
49
50 }
```