

SoftwareDesign Project Configuration

Cloning Github Repository

Open IDE -> new project -> get from VCS -> link your github -> select 'SoftwareDesign'

Setting up the Project Tools

1. Open ide terminal in SoftwareDesign directory
2. Run the following commands (without the arrows):

-> npm install express

-> npm install mongoose

-> npm install dotenv

Configure Insomnia (or preferred API testing client)

1. Go to the following link to download the insomnia client

<https://insomnia.rest/download>

2. Run insomnia.exe
3. Hover over the "create" plus icon and select "request collection"
 - a. Give your collection an arbitrary name
4. Click the plus icon adjacent to the filter text field and select "new request"
 - a. Give your request an arbitrary name
 - b. Click Create
5. Copy and paste the following

localhost:5000/api/todos

into the URL text field to the right of GET

6. Under the GET URL, there is a drop down for Body
 - a. Click on body and select JSON
 - b. You should now see a preview appear on the right-hand side of the window containing various _ids and actions
 - i. If nothing appears, try hitting the violet "send button" to the right of the localhost URL

Running the React App

1. Run the following commands in your terminal in the SoftwareDesign directory:

-> npm install concurrently --save-dev

(Concurrently is used to run more than one command simultaneously from the same terminal window)

-> npm install nodemon --save-dev

(Nodemon is used to run the server and monitor it as well. If there is any change in the server code, Nodemon will restart it automatically with the new changes)

Install Axios

Axios is a Promise-based HTTP client for the browser and Node.js

1. Run the following commands

-> cd client

-> npm install axios

-> cd ..

(this last command should return you to the root directory)

Testing Application

1. Run the following command in your ROOT directory

-> npm run dev