**Instalation walkthrough & testing**

Working on NodeJs v20.15.1

Create **main** directory for Project directory

TERMINAL 1 (BACK-END)

Located in **main** directory

Create **flask-server** folder and open it

Create server.py file

TERMINAL 2 (FRONT-END)

Located in **main** directory

Type following command

>npx create-react-app client

Wait until finished

TERMINAL 1 (BACKEND)

Creating virtual environment inside **flask-server** directory on **venv** directory

>python -m venv **venv**

Activating virtual environment

>.\venv\Scripts\activate

Installing Flask

>pip install Flask

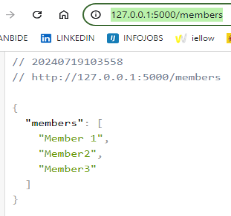
Modifying **server.py** file with code content

|  |
| --- |
| from flask import Flask  app= Flask(\_\_name\_\_)  # Member API Route  @app.route("/members")  def members():     return {"members": ["Member 1","Member2","Member3"]}  if \_\_name\_\_ == "\_\_main\_\_":     app.run(debug=True) |

Starting Flask server

>python server.py

In browser type <http://127.0.0.1:5000/members> and the member array will be showed



DELETING unnecessary files in client/SRC

App.test.js

Index.css

Logo.svg

Inside index.js delete file

import ‘./index.css’

CONNECTING BACK-END TO FRONT-END

In **client** directory modify **package.json** file adding on beginning lines after **“private”: True,**

“proxy”: “http://localhost:5000”,

MODIFYING **client/src/App.js** file deleting all content filling file with following code

|  |
| --- |
| import React, {useState, useEffect} from 'react'  export default function App() {    const [data,setData] = useState([{}])      useEffect(()=> {      fetch("/members").then(        res => res.json()      ).then(        data => {          setData(data)          console.log(data)        }      )    }, [])    return (      <div>        ESTO ES UN COMIENZO !!!        <br/>CONECTADO BACK-END CON FRONT-END!!!        <br/>ya queda menos .... :\_(      </div>    )  } |

TERMINAL 2 (FRONT-END)

Running FRONT-END server

>npm start

In browser type <http://localhost:30000> and the member array will be showed

