

GangadharGowdJogi

HW#7

Created a front-end application by using Node and React+Vite by using the guides provided.

- Installed Vite, React and JavaScript through npm.

```
C:\Windows\System32\cmd.e x + v
Microsoft Windows [Version 10.0.22631.4037]
(c) Microsoft Corporation. All rights reserved.

D:\Assignments\gangadar\RestAPI>npm -version
8.19.4

D:\Assignments\gangadar\RestAPI>npm create vite@latest
Need to install the following packages:
  create-vite@5.5.2
Ok to proceed? (y) y
npm WARN EBADENGINE Unsupported engine {
npm WARN EBADENGINE   package: 'create-vite@5.5.2',
npm WARN EBADENGINE   required: { node: '^18.0.0 || >=20.0.0' },
npm WARN EBADENGINE   current: { node: 'v16.20.2', npm: '8.19.4' }
npm WARN EBADENGINE }
✓ Project name: ... Creating_Frontend_Week4
✓ Package name: ... creating-frontend-week4
✓ Select a framework: » React
✓ Select a variant: » JavaScript

Scaffolding project in D:\Assignments\gangadar\RestAPI\Creating_Frontend_Week4...

Done. Now run:

  cd Creating_Frontend_Week4
  npm install
  npm run dev

D:\Assignments\gangadar\RestAPI>
```

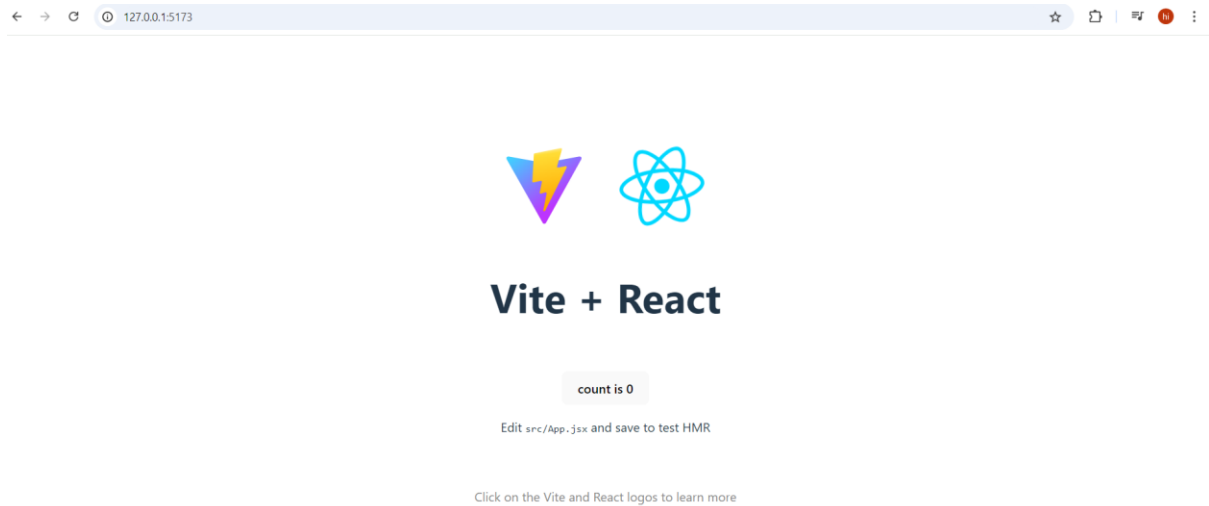
-Started the server for the app

```
C:\WINDOWS\system32\cmd. x + v
run 'npm fund' for details
found 0 vulnerabilities

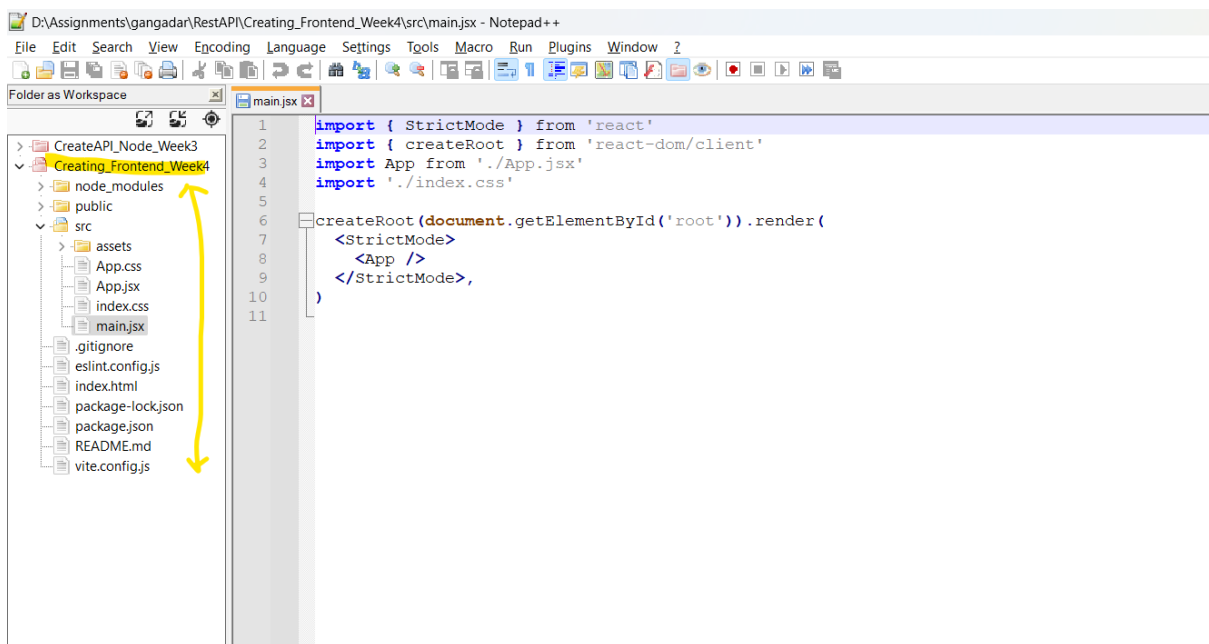
D:\Assignments\gangadar\RestAPI\Creating_Frontend_Week4>npm run dev
> creating-frontend-week4@0.0.0 dev
> vite

VITE v5.4.7 ready in 588 ms
  → Local:   http://127.0.0.1:5173/
  → Network: use --host to expose
  → press h + enter to show help
```

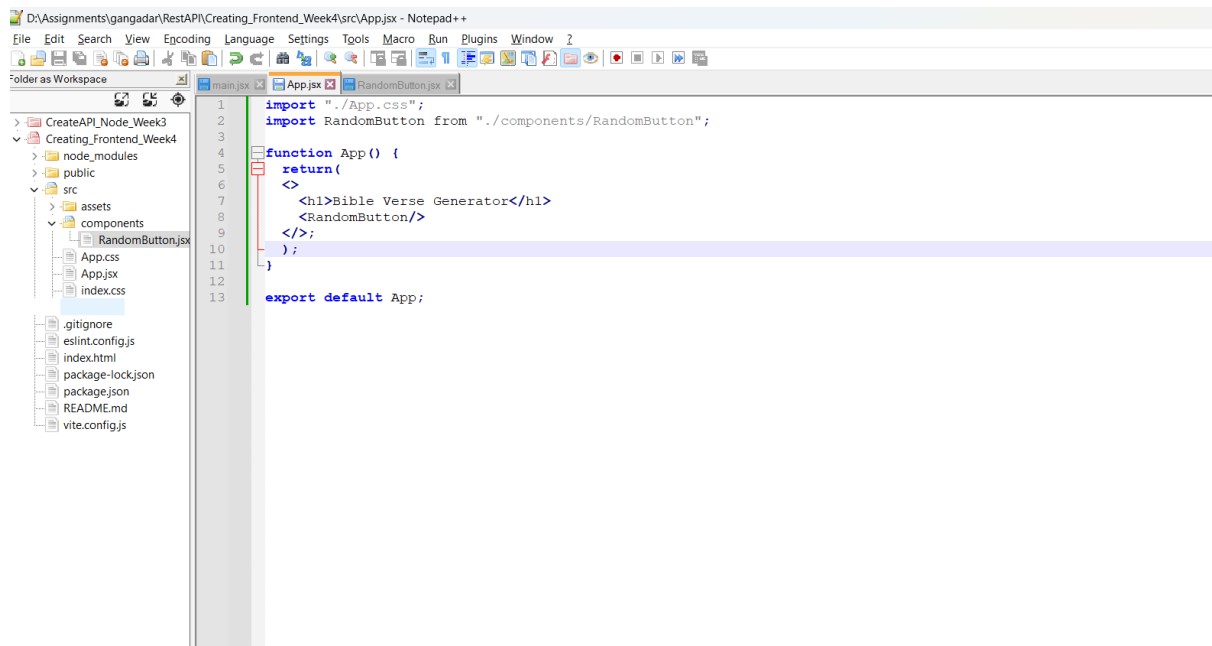
Sample Default page for the application



Created a react+vite project

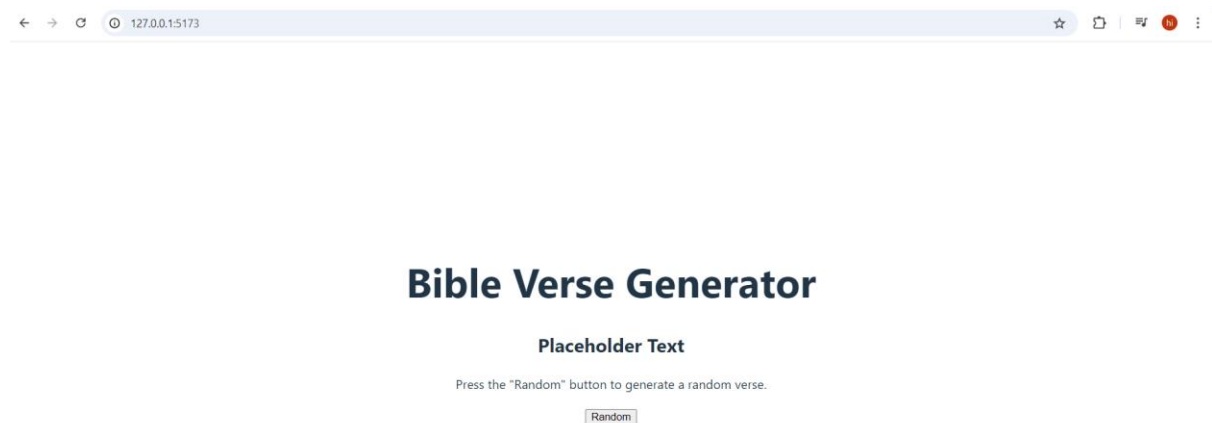


Added 'RandomButton' react component to the application



```
1 import './App.css';
2 import RandomButton from './components/RandomButton';
3
4 function App() {
5   return (
6     <>
7     <h1>Bible Verse Generator</h1>
8     <RandomButton/>
9     </>
10  );
11 }
12
13 export default App;
```

After adding the component- The front end application



Random button clicked – 1

Bible Verse Generator

Leviticus 3:13 lay his hand on its head, and slaughter it before the Meeting Tent, and the sons of Aaron must splash its blood against the altar's sides.

Press the "Random" button to generate a random verse.

Random

Random button Click -2:

Bible Verse Generator

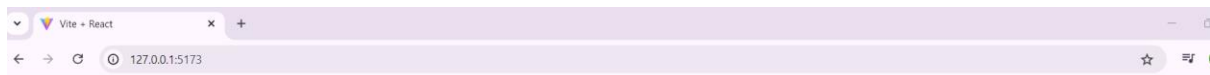
1 Samuel 22:6 But Saul found out the whereabouts of David and the men who were with him. Now Saul was sitting at Gibeah under the tamarisk tree at an elevated location with his spear in hand and all his servants stationed around him.

Press the "Random" button to generate a random verse.

Random

Created a 'SpecificVerse' Component to call GET API in order to see the specific verse from the bible org.

API Sample call: <https://labs.bible.org/api/?passage=John+3:16-17>



Bible Verse Generator

Ezekiel 40:9 He measured the porch of the gate as 14 feet and its jambs as 3½ feet; the porch of the gate faced inward.

Press the "Random" button to generate a random verse.

Random

3:16 For this is the way God loved the world: He gave his one and only Son, so that everyone who believes in him will not perish but have eternal life. 17 For God did not send his Son into the world to condemn the world, but that the world should be saved through him.

Type a verse (e.g., John 3:16-17) and press "Get Verse".

John 3:16-17 Get Verse

2nd call- <https://labs.bible.org/api/?passage=John+3:16>



Bible Verse Generator

Ezekiel 40:9 He measured the porch of the gate as 14 feet and its jambs as 3½ feet; the porch of the gate faced inward.

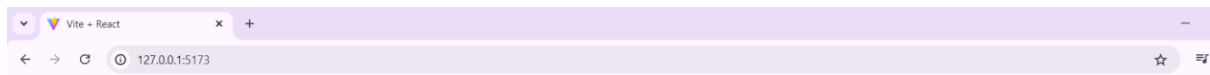
Press the "Random" button to generate a random verse.

Random

3:16 For this is the way God loved the world: He gave his one and only Son, so that everyone who believes in him will not perish but have eternal life.

Type a verse (e.g., John 3:16-17) and press "Get Verse".

John 3:16 Get Verse



Bible Verse Generator

Proverbs 31:27 Watching over the ways of her household, she would not eat the bread of idleness.

Press the "Random" button to generate a random verse.

Random

3:11 I tell you the solemn truth, we speak about what we know and testify about what we have seen, but you people do not accept our testimony.

Type a verse (e.g., John 3:16-17) and press "Get Verse".

John 3:11 Get Verse