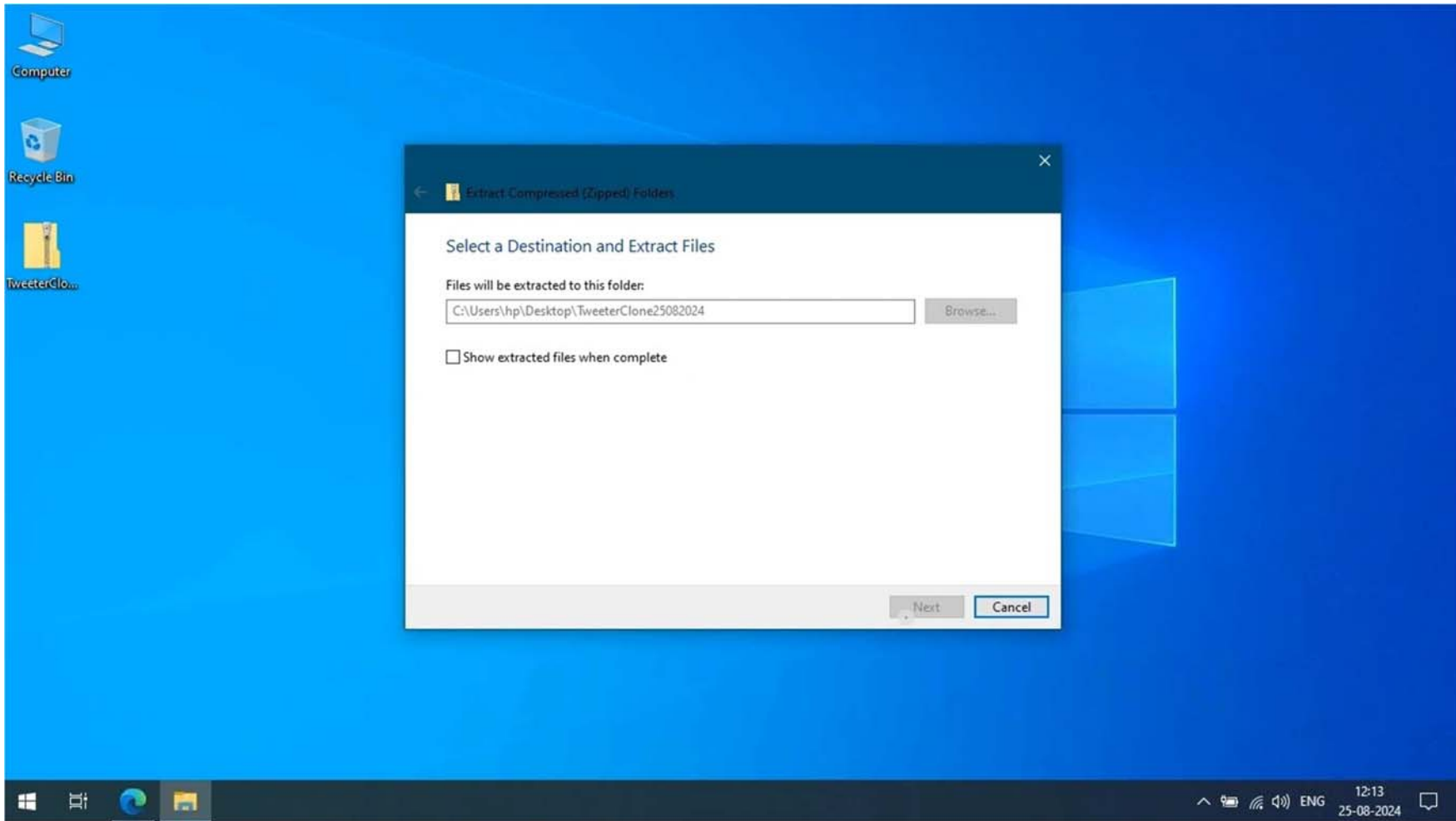
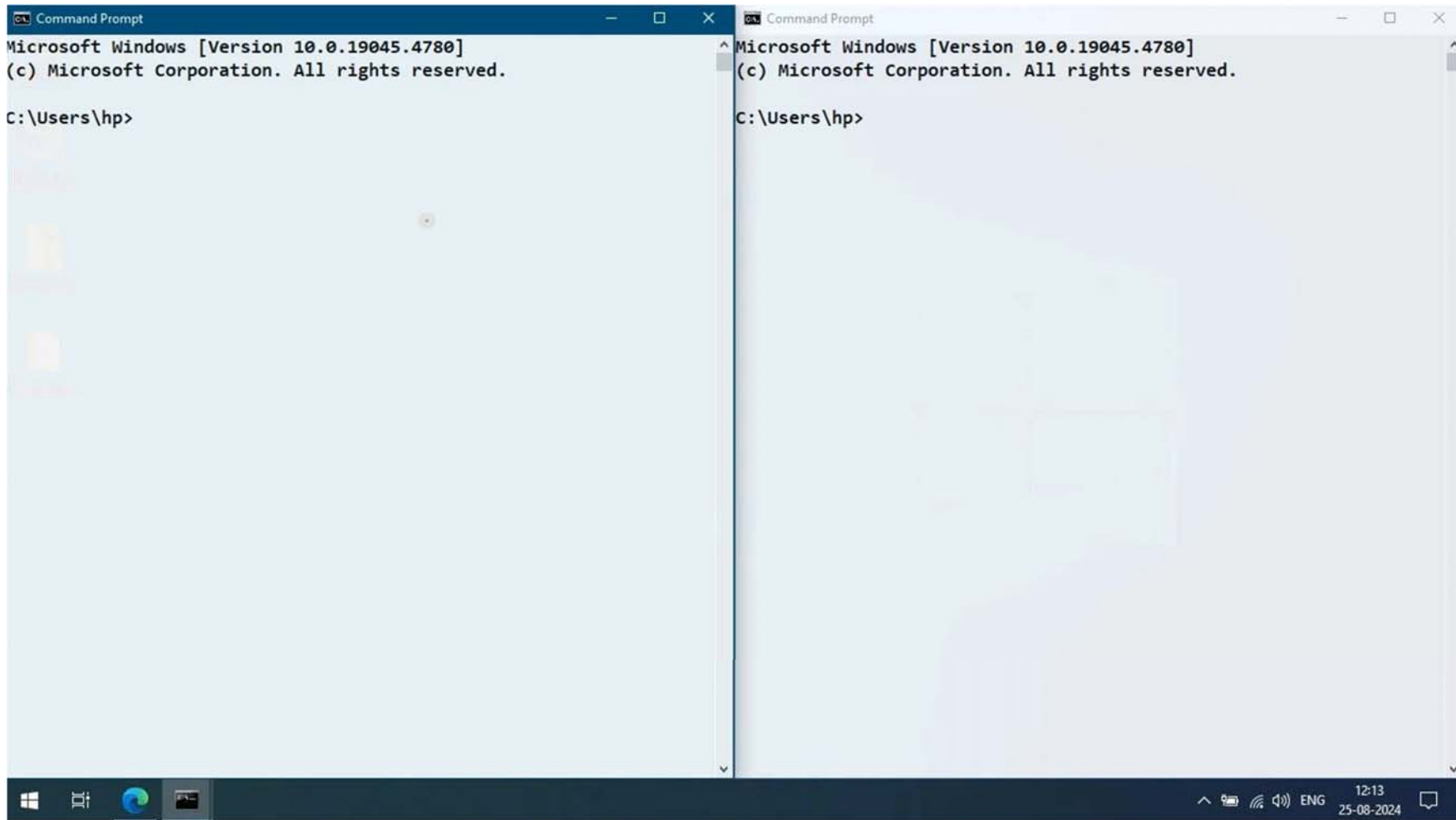


Extract the files.

Reference Guide: Tweeter Clone  
Author: Mandeep Singh

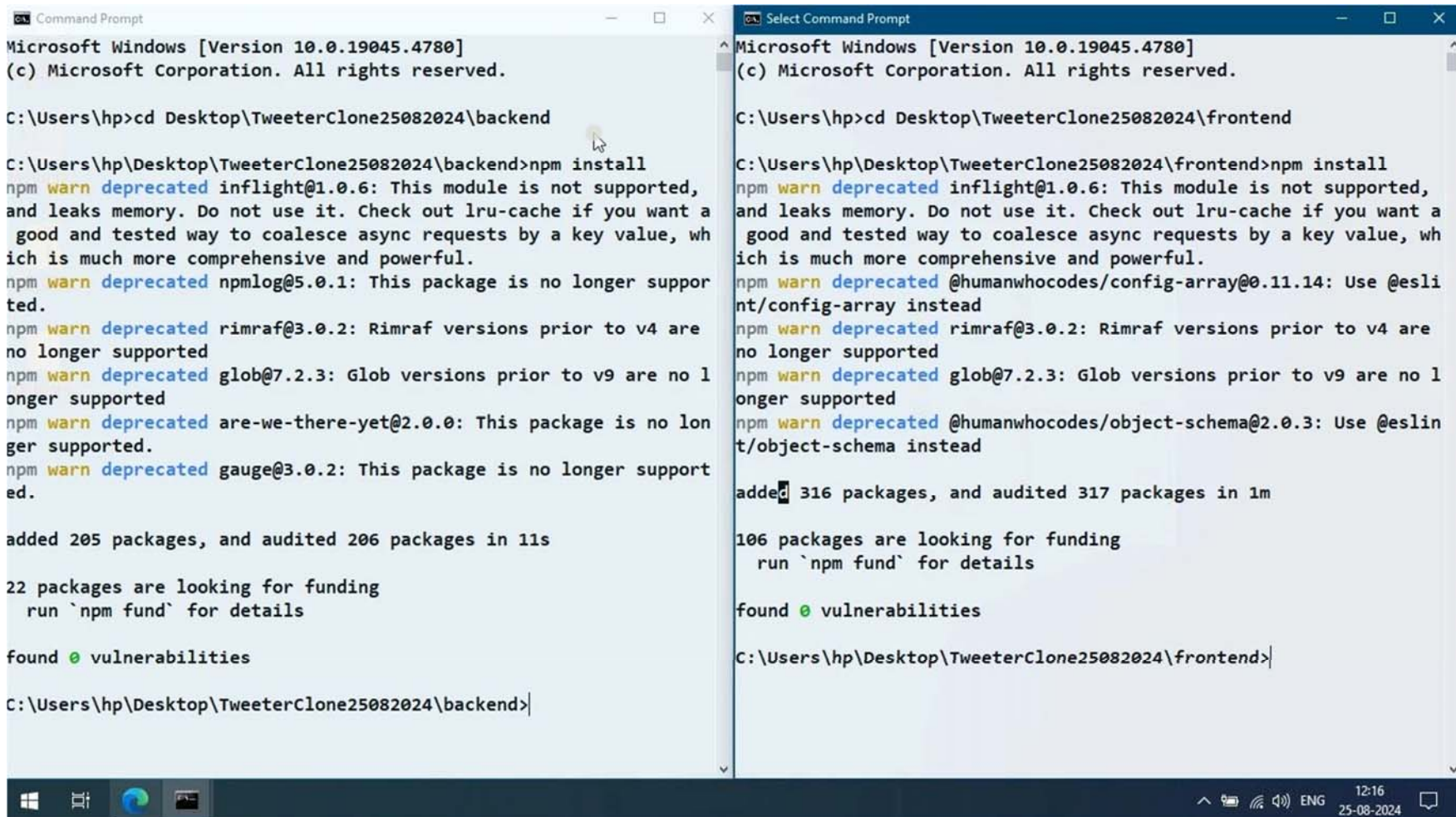


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Author: Mandeep Singh



Open two cmd terminals.

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Author: Mandeep Singh



```
Microsoft Windows [Version 10.0.19045.4780]
(c) Microsoft Corporation. All rights reserved.

C:\Users\hp>cd Desktop\TweeterClone25082024\backend

C:\Users\hp\Desktop\TweeterClone25082024\backend>npm install
npm warn deprecated inflight@1.0.6: This module is not supported,
and leaks memory. Do not use it. Check out lru-cache if you want a
good and tested way to coalesce async requests by a key value, wh
ich is much more comprehensive and powerful.
npm warn deprecated npmlog@5.0.1: This package is no longer suppor
ted.
npm warn deprecated rimraf@3.0.2: Rimraf versions prior to v4 are
no longer supported
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no l
onger supported
npm warn deprecated are-we-there-yet@2.0.0: This package is no lon
ger supported.
npm warn deprecated gauge@3.0.2: This package is no longer support
ed.

added 205 packages, and audited 206 packages in 11s

22 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

C:\Users\hp\Desktop\TweeterClone25082024\backend>

Select Command Prompt

Microsoft Windows [Version 10.0.19045.4780]
(c) Microsoft Corporation. All rights reserved.

C:\Users\hp>cd Desktop\TweeterClone25082024\frontend

C:\Users\hp\Desktop\TweeterClone25082024\frontend>npm install
npm warn deprecated inflight@1.0.6: This module is not supported,
and leaks memory. Do not use it. Check out lru-cache if you want a
good and tested way to coalesce async requests by a key value, wh
ich is much more comprehensive and powerful.
npm warn deprecated @humanwhocodes/config-array@0.11.14: Use @esli
nt/config-array instead
npm warn deprecated rimraf@3.0.2: Rimraf versions prior to v4 are
no longer supported
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no l
onger supported
npm warn deprecated @humanwhocodes/object-schema@2.0.3: Use @eslin
t/object-schema instead

added 316 packages, and audited 317 packages in 1m

106 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

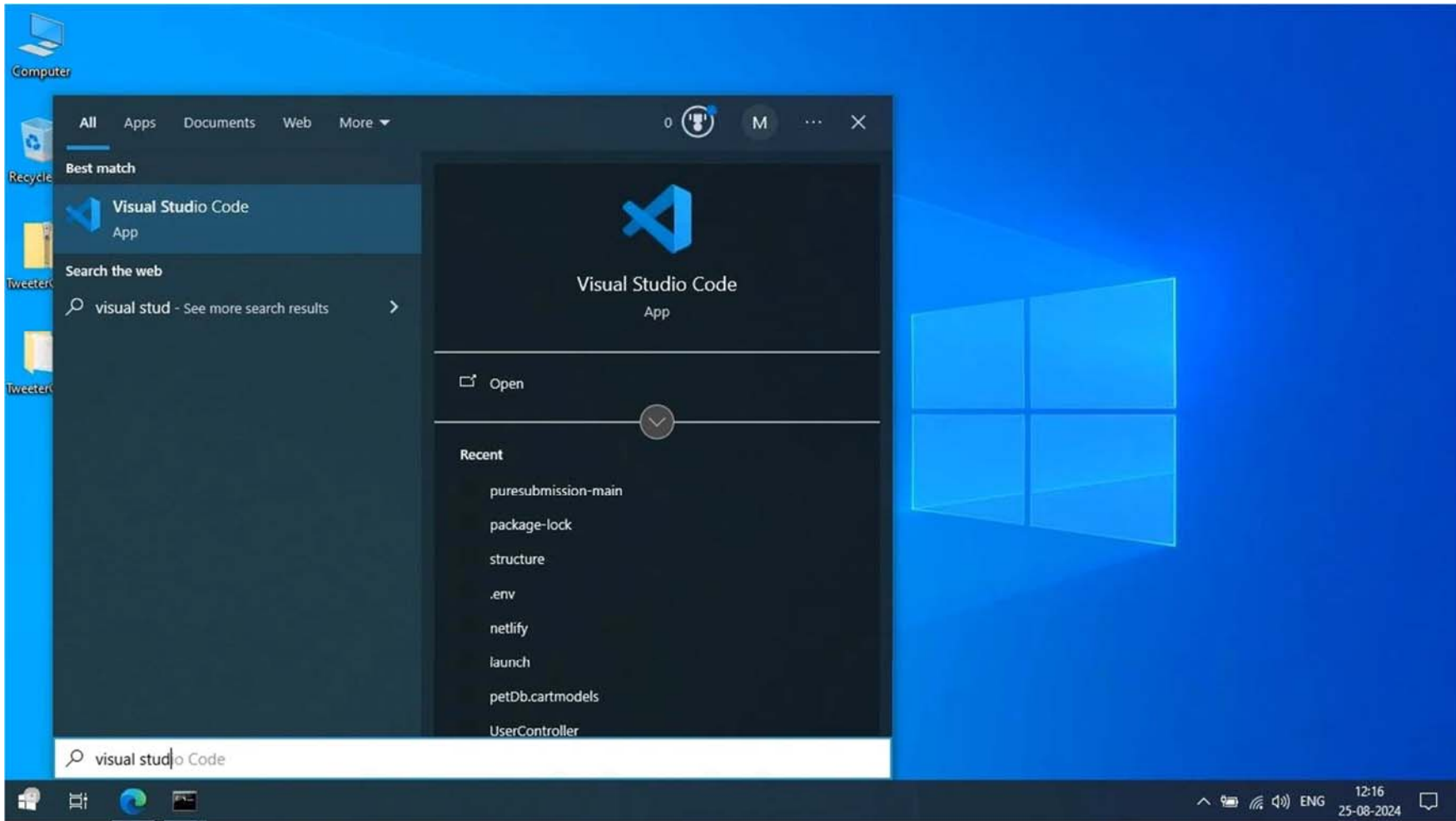
C:\Users\hp\Desktop\TweeterClone25082024\frontend>
```

Navigate to backend and frontend directories in the two terminals.

Execute this command in both the terminals: npm install

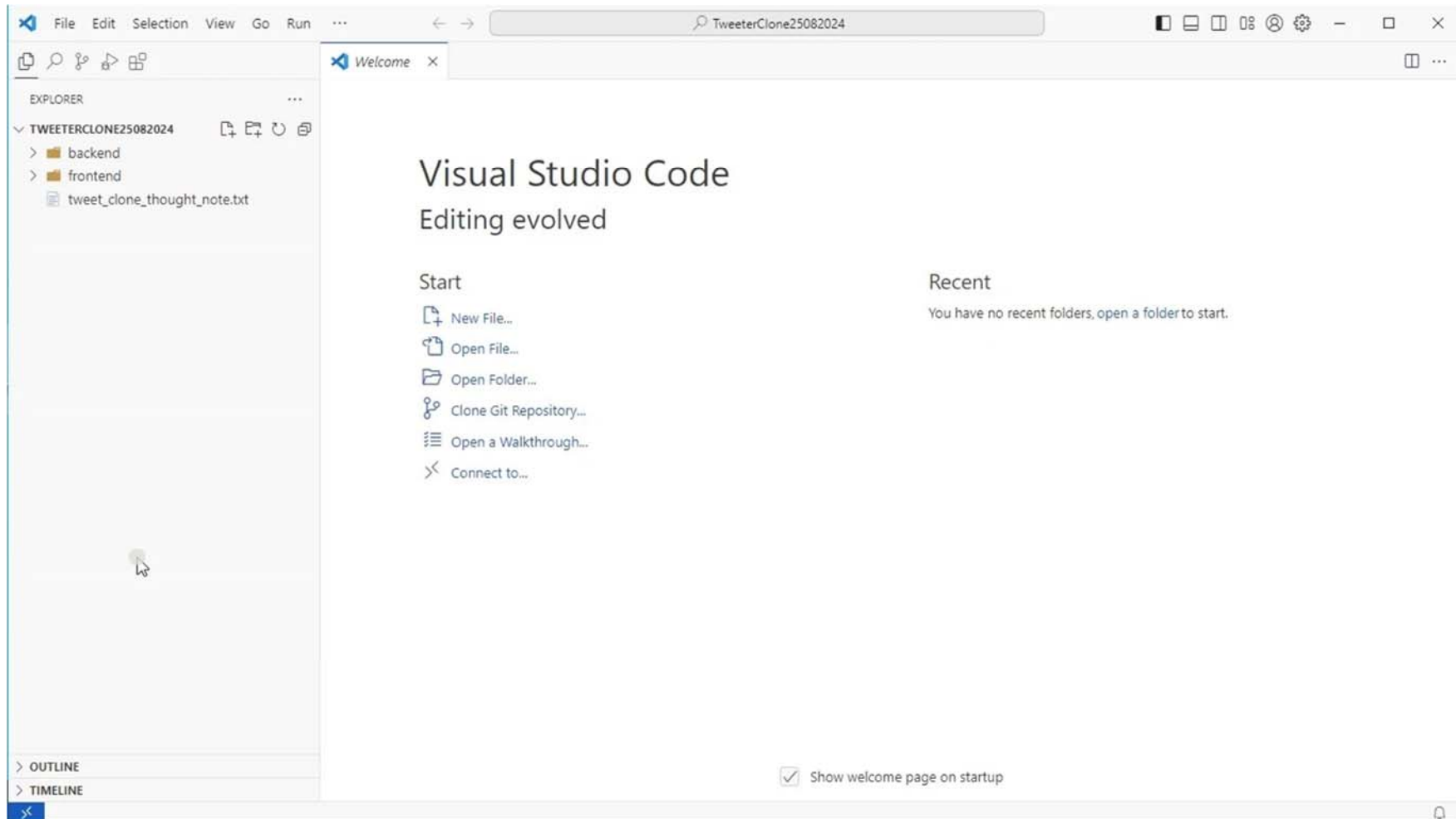
# Reference Guide: Tweeter Clone

## Author: Mandeep Singh



Open the IDE: Visual Studio Code.

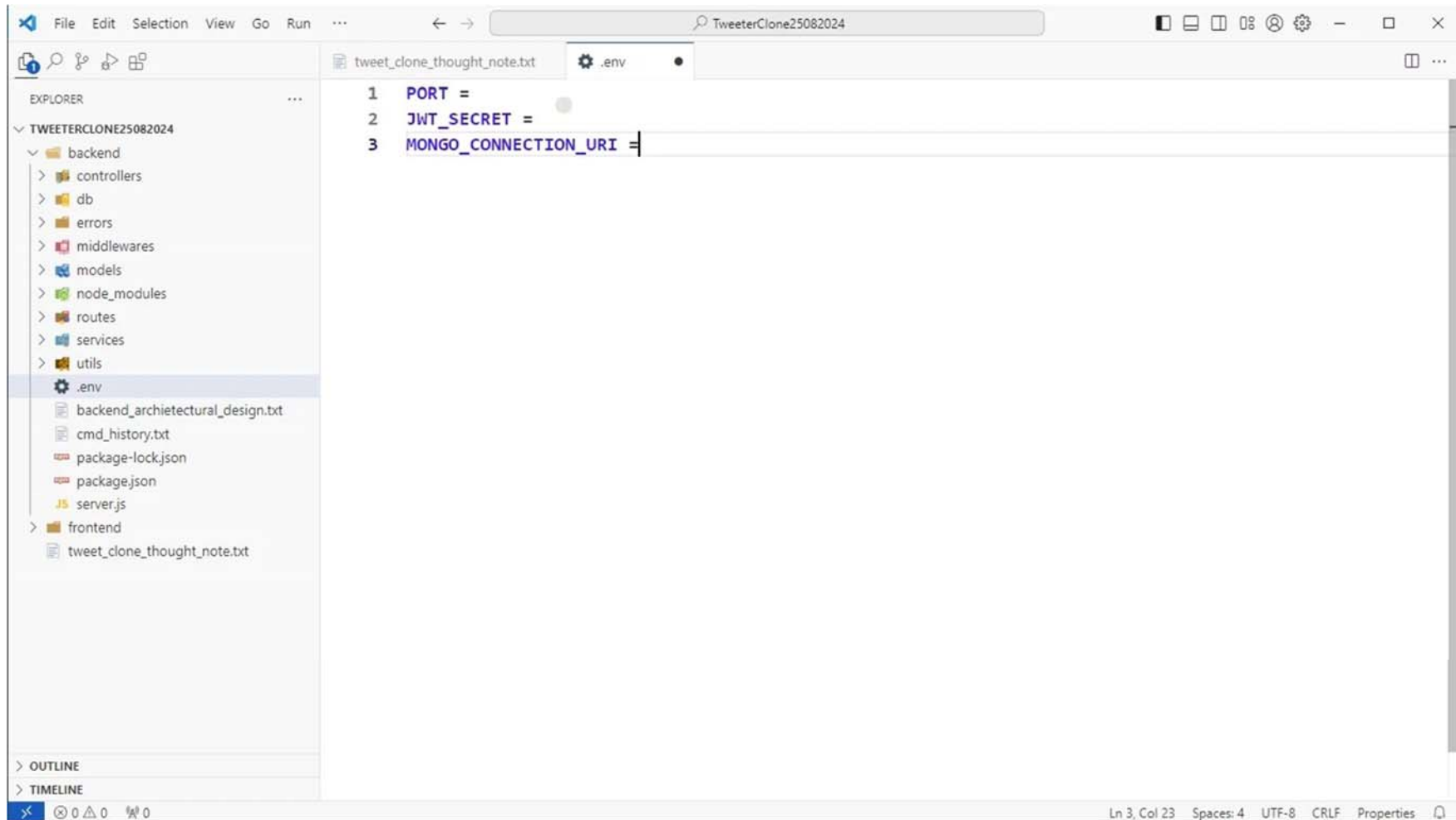
Reference Guide: Tweeter Clone  
Author: Mandeep Singh



Open the extracted folder in the VS Code.

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## Author: Mandeep Singh



Create the `.env` file in the **backend** folder and create three variables, `PORT`, `JWT_SECRET` and `MONGO_CONNECTION_URI`.

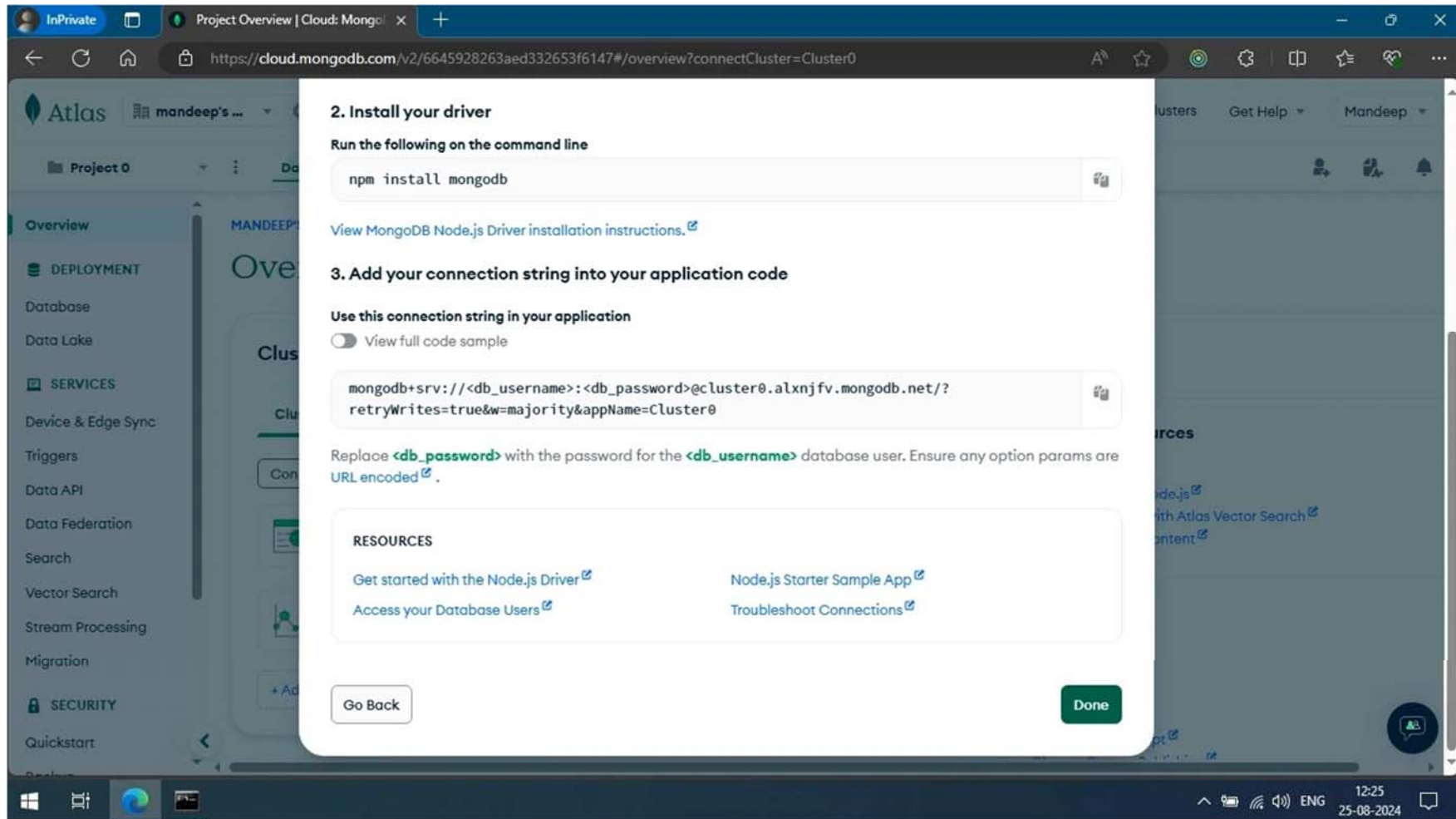
You may configure these value `PORT`, `JWT_SECRET` of your choice or use the values specified in the thought note.

You must generate the MongoDB connection String from MongoDB Atlas or MongoDB Compass for the variable `MONGO_CONNECTION_URI`.

## Reference Guide: Tweeter Clone

### Author: Mandeep Singh





Create the .env file in the **backend** folder and create three variables, PORT, JWT\_SECRET and MONGO\_CONNECTION\_URI.

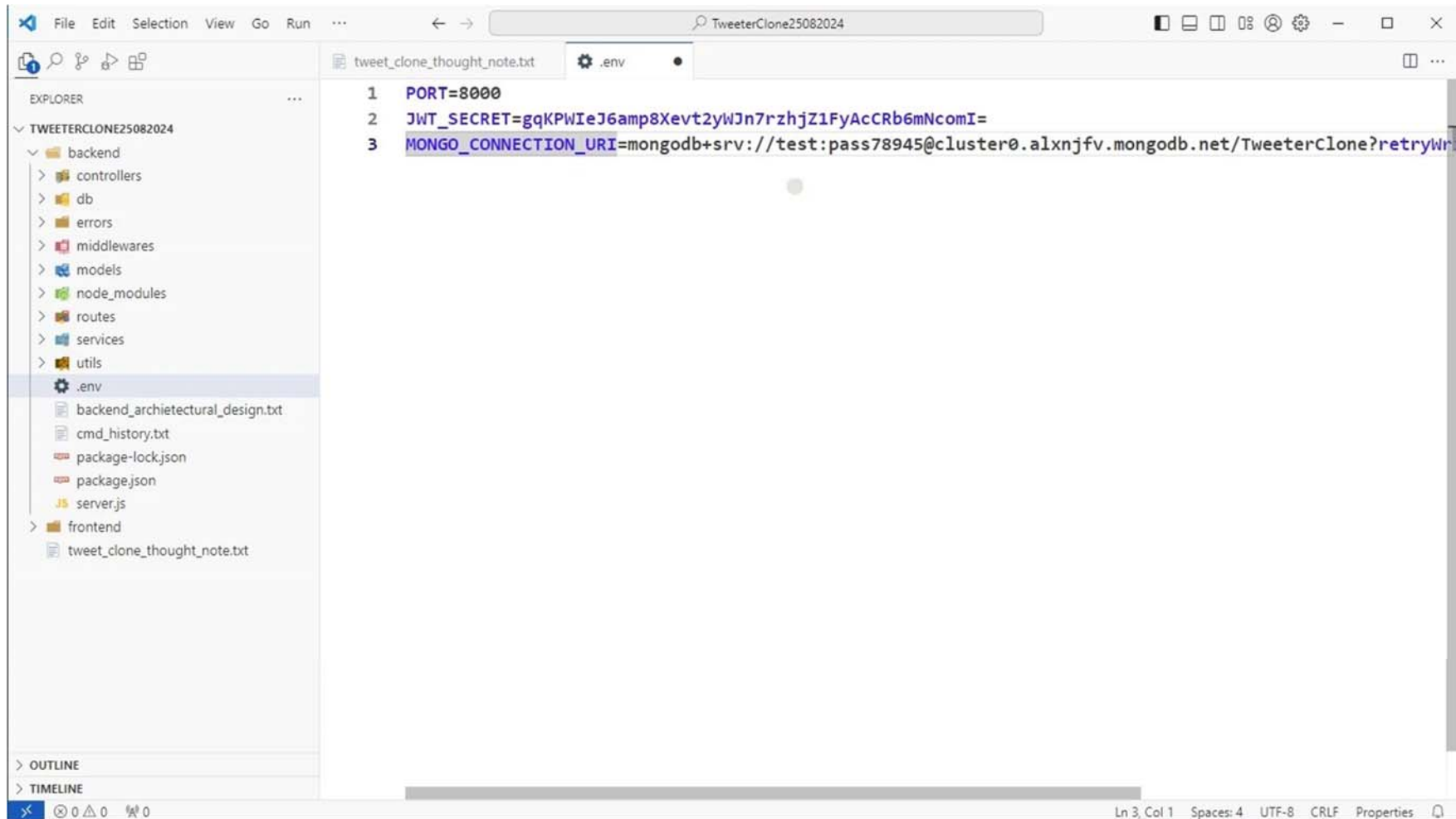
You may configure these value PORT, JWT\_SECRET of your choice or use the values specified in the thought note.

You must generate the MongoDB connection String from MongoDB Atlas or MongoDB Compass for the variable MONGO\_CONNECTION\_URI.

## Reference Guide: Tweeter Clone

### Author: Mandeep Singh





```
1 PORT=8000
2 JWT_SECRET=gqKPWIEJ6amp8Xevt2yWJn7rzhjZ1FyAcCRb6mNcomI=
3 MONGO_CONNECTION_URI=mongodb+srv://test:pass78945@cluster0.alxnjfv.mongodb.net/TweeterClone?retryWrites=true&appName=tweeter-clone
```

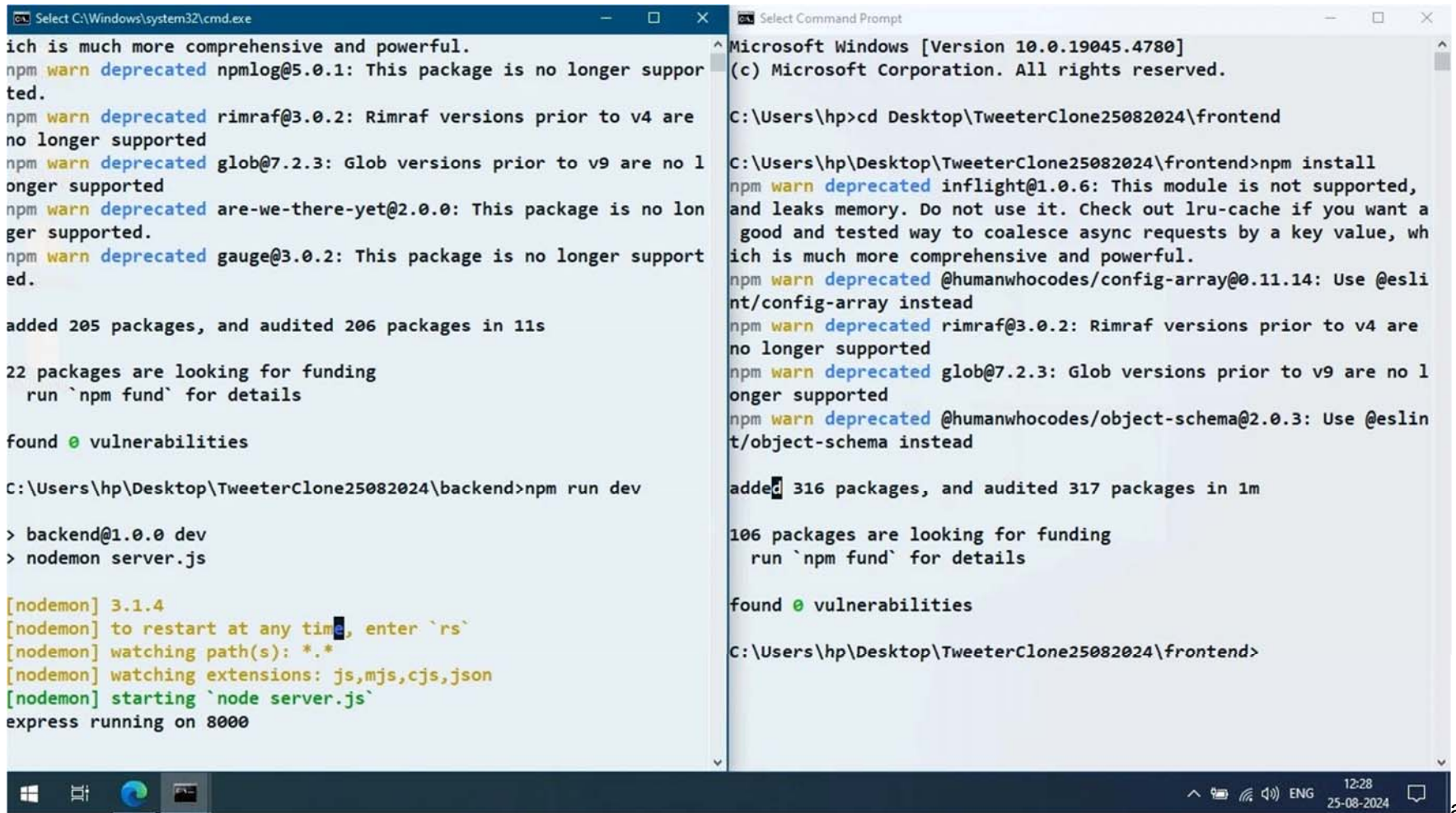
Create the **.env** file in the **backend** folder and create three variables, PORT, JWT\_SECRET and MONGO\_CONNECTION\_URI.

You may configure these value PORT, JWT\_SECRET of your choice or use the values specified in the thought note.

You must generate the MongoDB connection String from MongoDB Atlas or MongoDB Compass for the variable MONGO\_CONNECTION\_URI.

# Reference Guide: Tweeter Clone

## Author: Mandeep Singh



```
Select C:\Windows\system32\cmd.exe
ich is much more comprehensive and powerful.
npm warn deprecated npmlog@5.0.1: This package is no longer supported.
npm warn deprecated rimraf@3.0.2: Rimraf versions prior to v4 are no longer supported
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported
npm warn deprecated are-we-there-yet@2.0.0: This package is no longer supported.
npm warn deprecated gauge@3.0.2: This package is no longer supported.

added 205 packages, and audited 206 packages in 11s

22 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

C:\Users\hp\Desktop\TweeterClone25082024\backend>npm run dev

> backend@1.0.0 dev
> nodemon server.js

[nodemon] 3.1.4
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node server.js`
express running on 8000

Select Command Prompt
Microsoft Windows [Version 10.0.19045.4780]
(c) Microsoft Corporation. All rights reserved.

C:\Users\hp>cd Desktop\TweeterClone25082024\frontend

C:\Users\hp\Desktop\TweeterClone25082024\frontend>npm install
npm warn deprecated inflight@1.0.6: This module is not supported, and leaks memory. Do not use it. Check out lru-cache if you want a good and tested way to coalesce async requests by a key value, which is much more comprehensive and powerful.
npm warn deprecated @humanwhocodes/config-array@0.11.14: Use @eslint/config-array instead
npm warn deprecated rimraf@3.0.2: Rimraf versions prior to v4 are no longer supported
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported
npm warn deprecated @humanwhocodes/object-schema@2.0.3: Use @eslint/object-schema instead

added 316 packages, and audited 317 packages in 1m

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  run `npm fund` for details

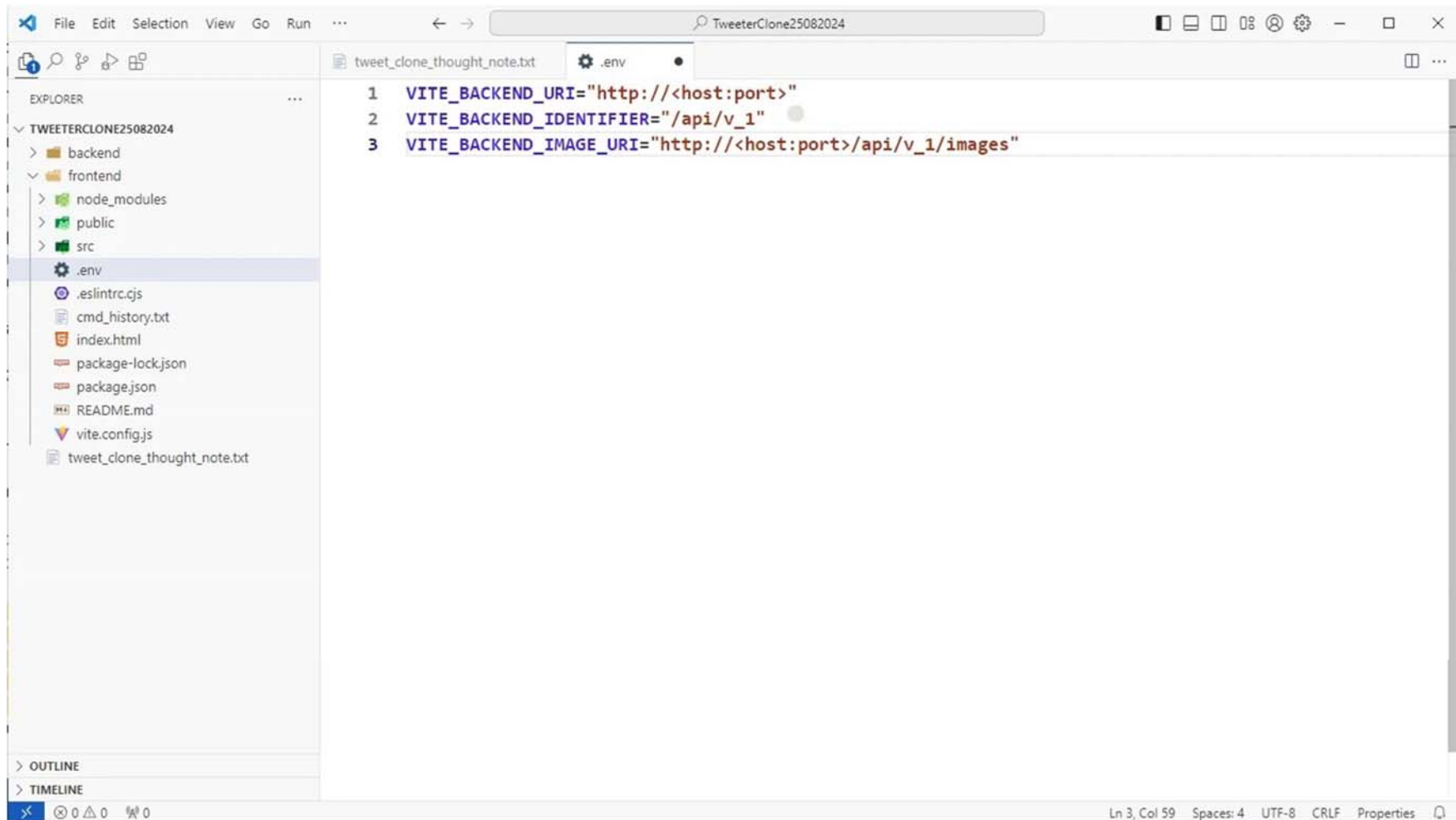
found 0 vulnerabilities

C:\Users\hp\Desktop\TweeterClone25082024\frontend>
```

Start the backend server using this command: **npm run dev**

# Reference Guide: Tweeter Clone

## Author: Mandeep Singh



```
1 VITE_BACKEND_URI="http://<host:port>"
2 VITE_BACKEND_IDENTIFIER="/api/v_1"
3 VITE_BACKEND_IMAGE_URI="http://<host:port>/api/v_1/images"
```

The screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left displays the project structure for 'TWEETERCLONE25082024', including folders for 'backend', 'frontend', 'node\_modules', 'public', and 'src', along with various configuration files like '.env', '.eslintrc.cjs', 'cmd\_history.txt', 'index.html', 'package-lock.json', 'package.json', 'README.md', 'vite.config.js', and 'tweet\_clone\_thought\_note.txt'. The main editor window is open to the '.env' file in the 'frontend' folder, showing three lines of code that define Vite environment variables for the backend API.

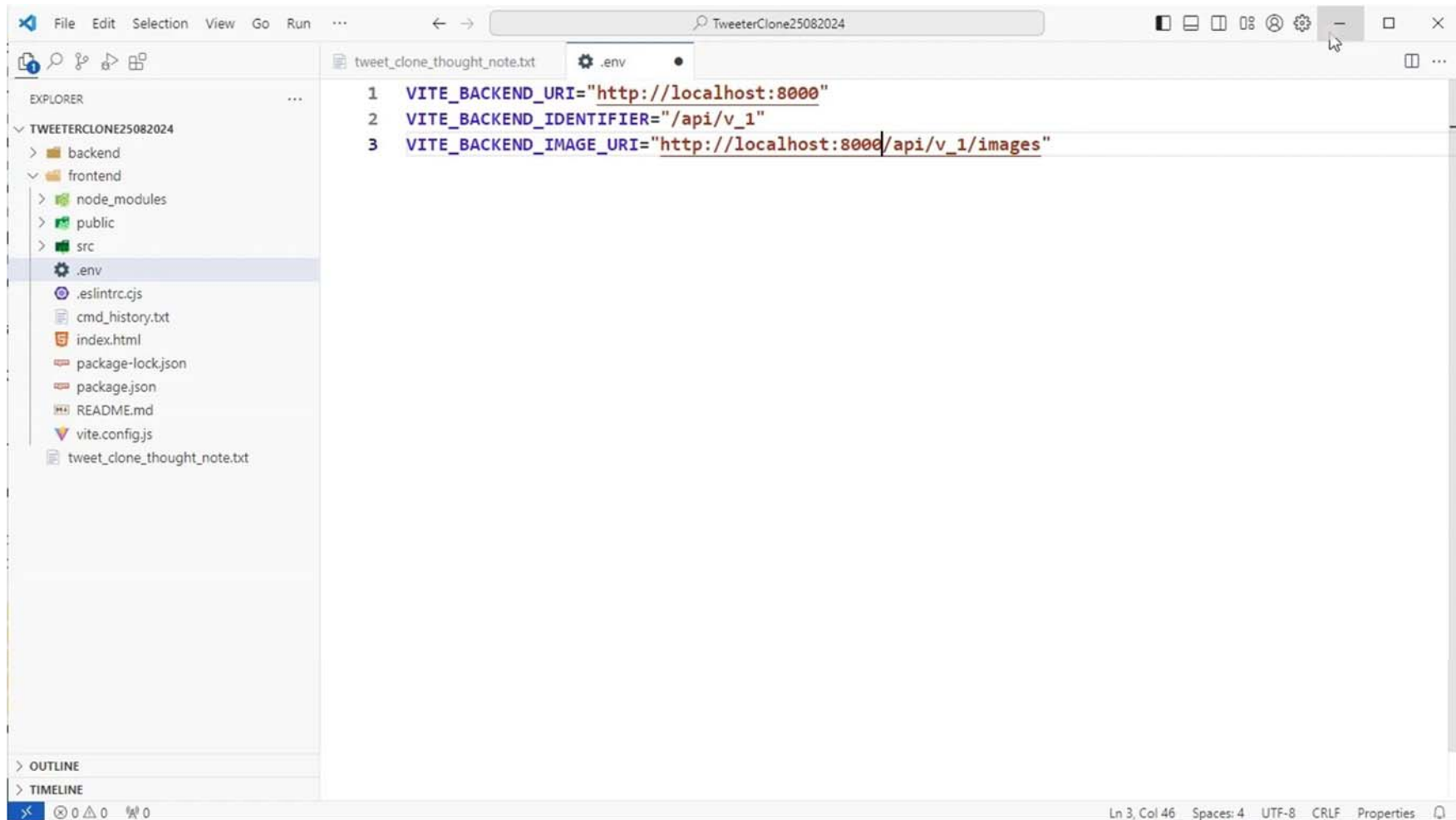
Create the `.env` file in the **frontend** folder and create three variables `VITE_BACKEND_URI`, `VITE_BACKEND_IDENTIFIER` and `VITE_BACKEND_IMAGE_URI`.

You may use the default value for `VITE_BACKEND_IDENTIFIER` specified in the thought note.

You must serve the backend server add and port number for the variables `VITE_BACKEND_URI` and `VITE_BACKEND_IMAGE_URI`..

## Reference Guide: Tweeter Clone

Author: Mandeep Singh



The screenshot shows a Visual Studio Code editor window with the file explorer on the left and the editor area on the right. The file explorer shows a project structure with a 'frontend' folder containing a '.env' file. The editor area displays the contents of the '.env' file, which contains three lines of configuration:

```
1 VITE_BACKEND_URI="http://localhost:8000"  
2 VITE_BACKEND_IDENTIFIER="/api/v_1"  
3 VITE_BACKEND_IMAGE_URI="http://localhost:8000/api/v_1/images"
```

The status bar at the bottom indicates the current line and column: 'Ln 3, Col 46'. The file explorer also shows other files like 'index.html', 'package.json', and 'vite.config.js'.

Create the **.env** file in the **frontend** folder and create three variables **VITE\_BACKEND\_URI**, **VITE\_BACKEND\_IDENTIFIER** and **VITE\_BACKEND\_IMAGE\_URI**.

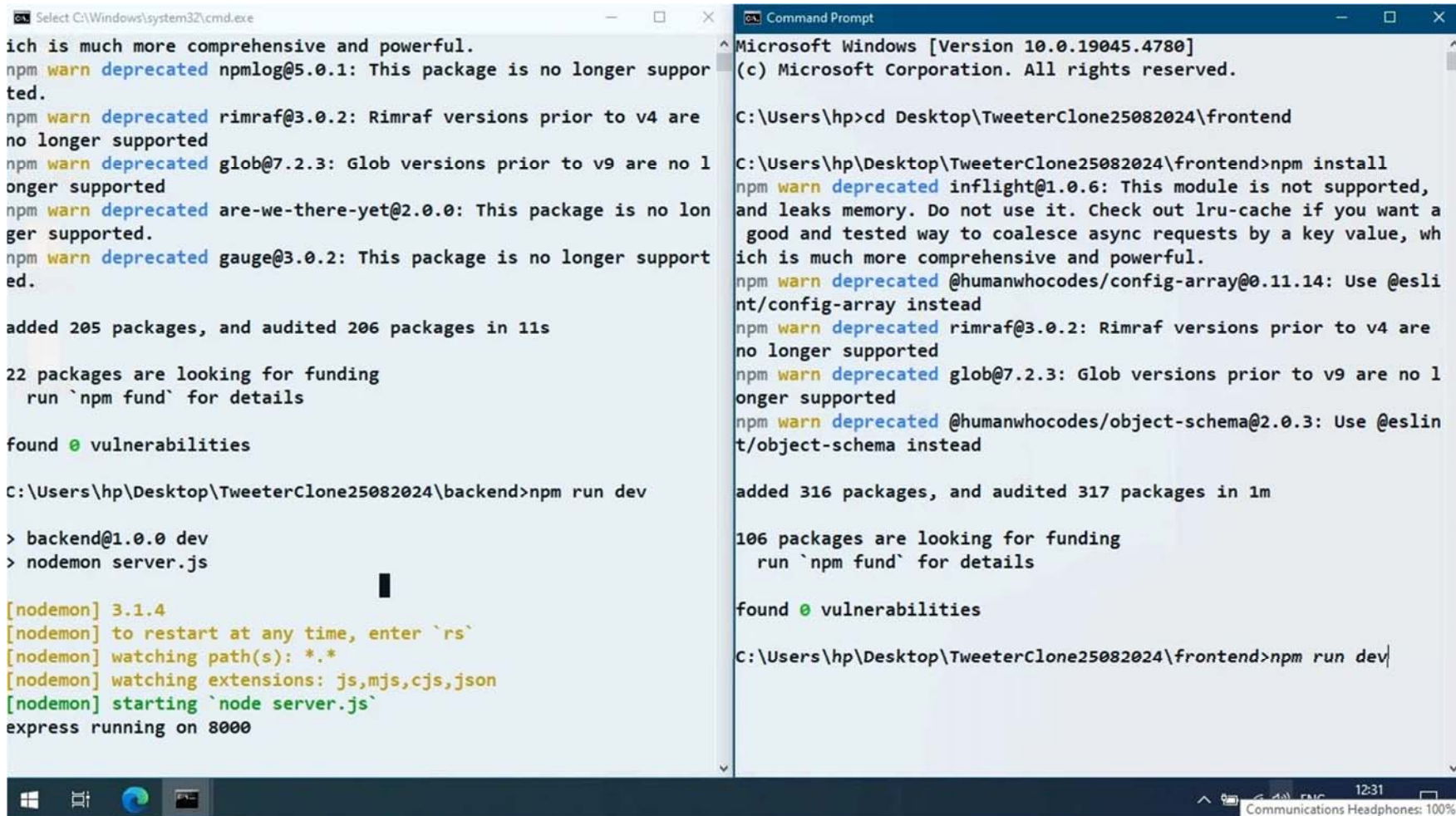
You may use the default value for **VITE\_BACKEND\_IDENTIFIER** specified in the thought note.

You must serve the **backend** server address and port number for the variables **VITE\_BACKEND\_URI** and **VITE\_BACKEND\_IMAGE\_URI**.

## Reference Guide: Tweeter Clone

### Author: Mandeep Singh





```
Select C:\Windows\system32\cmd.exe
ich is much more comprehensive and powerful.
npm warn deprecated npmlog@5.0.1: This package is no longer supported.
npm warn deprecated rimraf@3.0.2: Rimraf versions prior to v4 are no longer supported
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported
npm warn deprecated are-we-there-yet@2.0.0: This package is no longer supported.
npm warn deprecated gauge@3.0.2: This package is no longer supported.

added 205 packages, and audited 206 packages in 11s

22 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

C:\Users\hp\Desktop\TweeterClone25082024\backend>npm run dev

> backend@1.0.0 dev
> nodemon server.js

[nodemon] 3.1.4
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node server.js`
express running on 8000

Microsoft Windows [Version 10.0.19045.4780]
(c) Microsoft Corporation. All rights reserved.

C:\Users\hp>cd Desktop\TweeterClone25082024\frontend

C:\Users\hp\Desktop\TweeterClone25082024\frontend>npm install
npm warn deprecated inflight@1.0.6: This module is not supported, and leaks memory. Do not use it. Check out lru-cache if you want a good and tested way to coalesce async requests by a key value, which is much more comprehensive and powerful.
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npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported
npm warn deprecated @humanwhocodes/object-schema@2.0.3: Use @eslint/object-schema instead

added 316 packages, and audited 317 packages in 1m

106 packages are looking for funding
  run `npm fund` for details

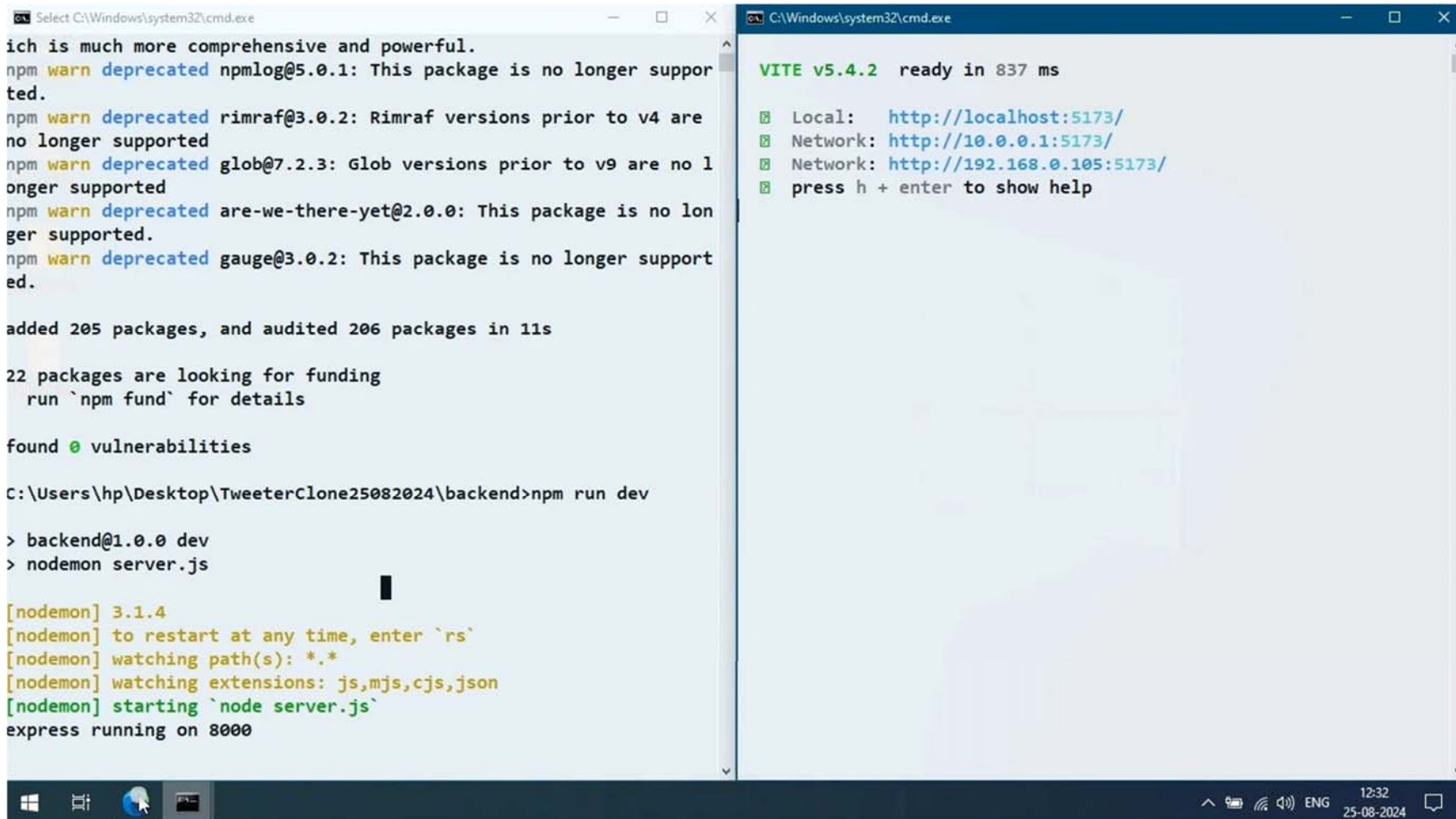
found 0 vulnerabilities

C:\Users\hp\Desktop\TweeterClone25082024\frontend>npm run dev
```

Start the **frontend server** using this command: **npm run dev**

# Reference Guide: Tweeter Clone

## Author: Mandeep Singh



The image shows two terminal windows side-by-side. The left window shows the output of an npm install command, including several deprecation warnings for packages like npmlog, rimraf, glob, are-we-there-yet, and gauge. It then shows the command 'npm run dev' being executed, which starts a nodemon server. The right window shows the Vite v5.4.2 interface, indicating it is ready in 837 ms and providing local and network URLs for accessing the application.

```
Select C:\Windows\system32\cmd.exe
ich is much more comprehensive and powerful.
npm warn deprecated npmlog@5.0.1: This package is no longer supported.
npm warn deprecated rimraf@3.0.2: Rimraf versions prior to v4 are no longer supported
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported
npm warn deprecated are-we-there-yet@2.0.0: This package is no longer supported.
npm warn deprecated gauge@3.0.2: This package is no longer supported.

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C:\Users\hp\Desktop\TweeterClone25082024\backend>npm run dev

> backend@1.0.0 dev
> nodemon server.js

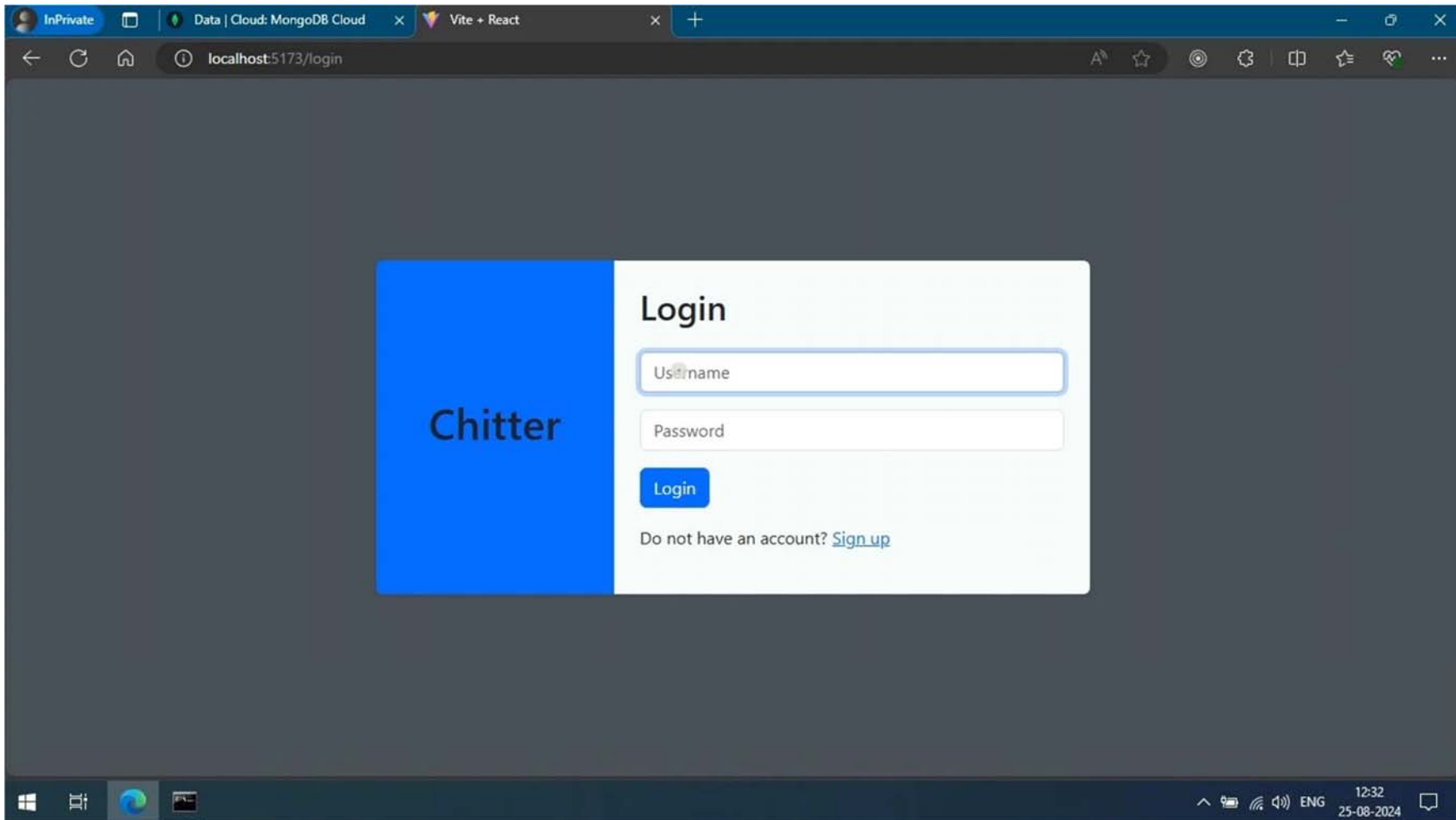
[nodemon] 3.1.4
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node server.js`
express running on 8000

C:\Windows\system32\cmd.exe
VITE v5.4.2 ready in 837 ms

  Local:    http://localhost:5173/
  Network:  http://10.0.0.1:5173/
  Network:  http://192.168.0.105:5173/
  press h + enter to show help
```

## Reference Guide: Tweeter Clone

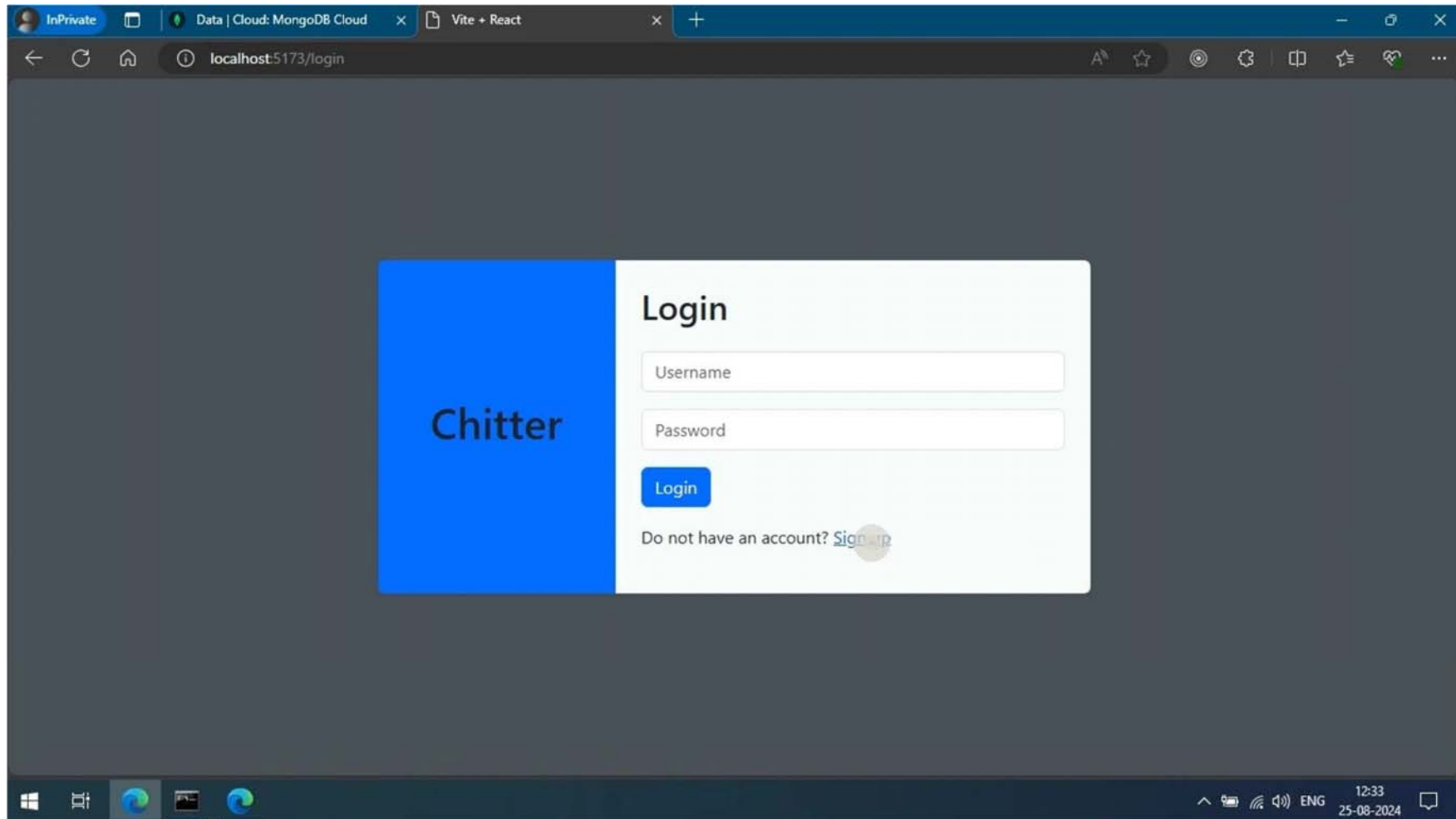
### Author: Mandeep Singh



You can access the application in the browser using the front-end server address e.g., localhost:5173 etc.

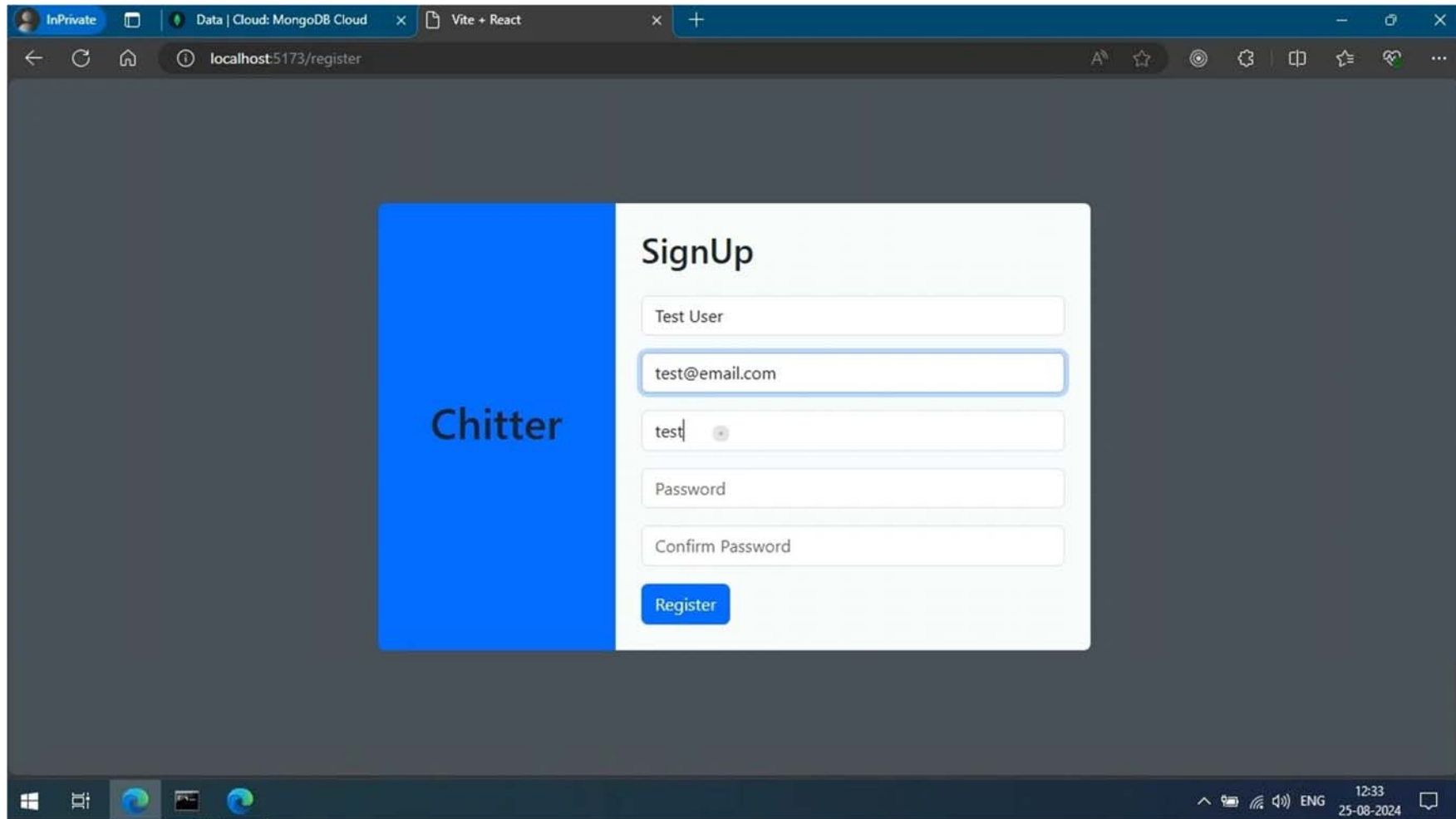
Reference Guide: Tweeter Clone  
Author: Mandeep Singh



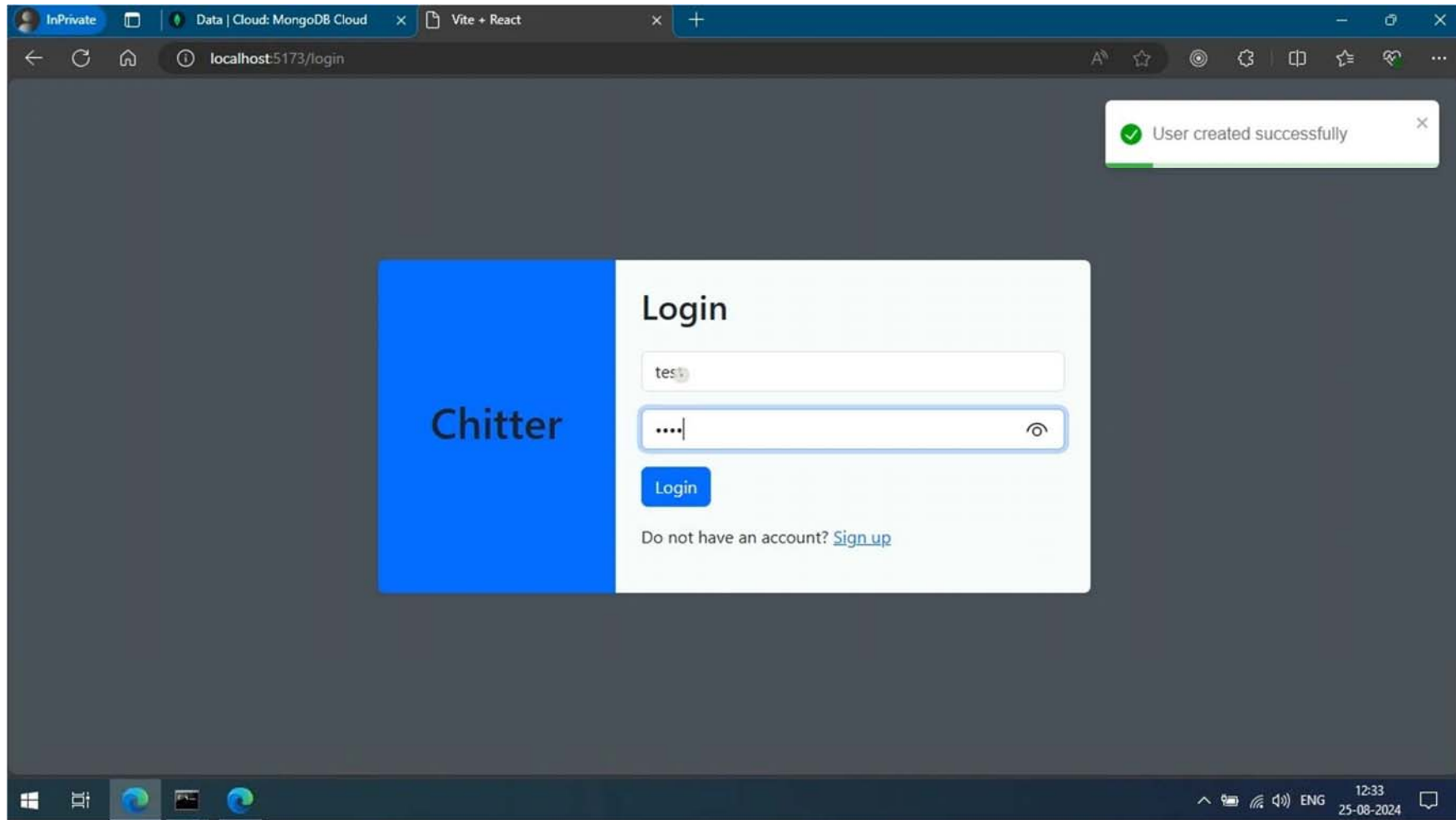


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Author: Mandeep Singh

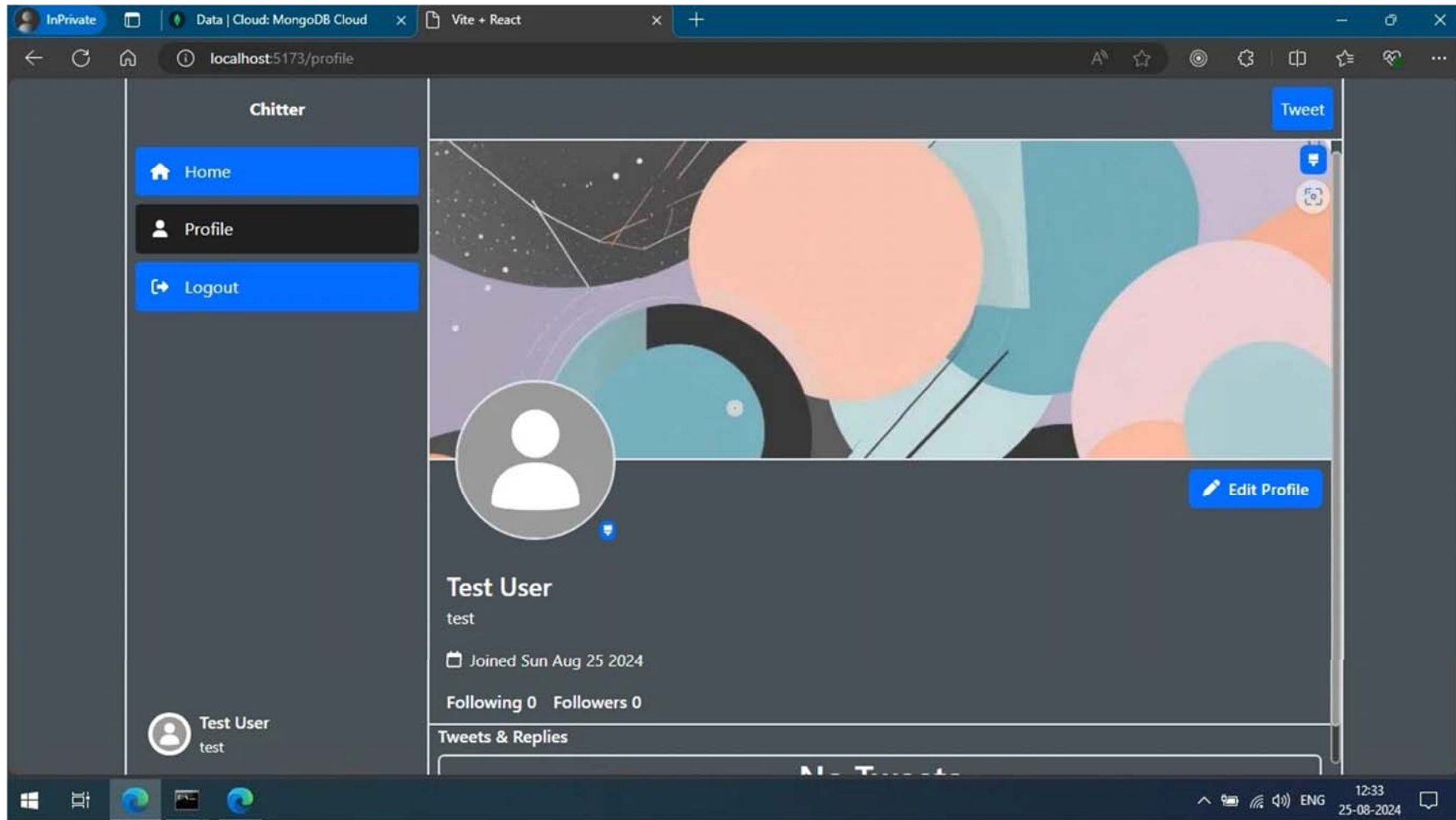


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