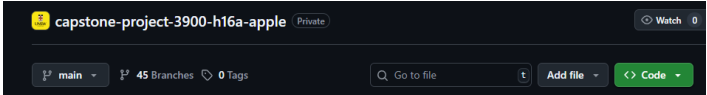
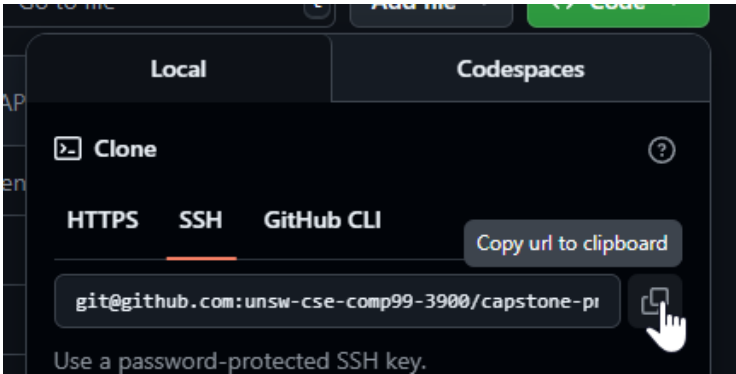
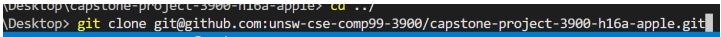
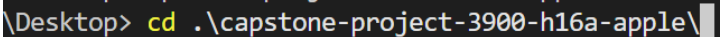
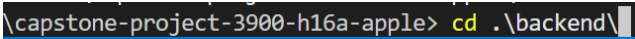

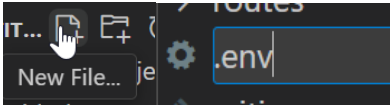

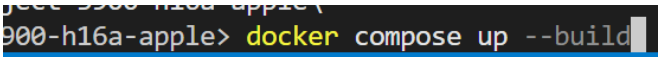

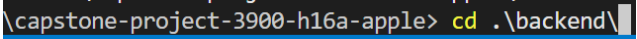
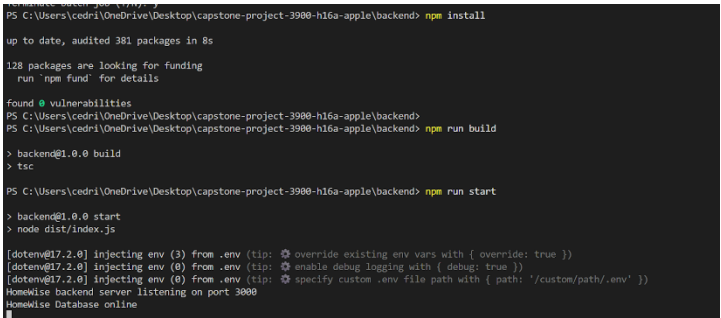
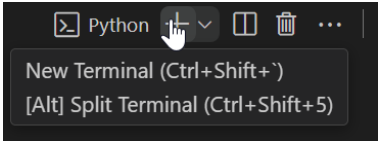
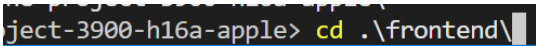
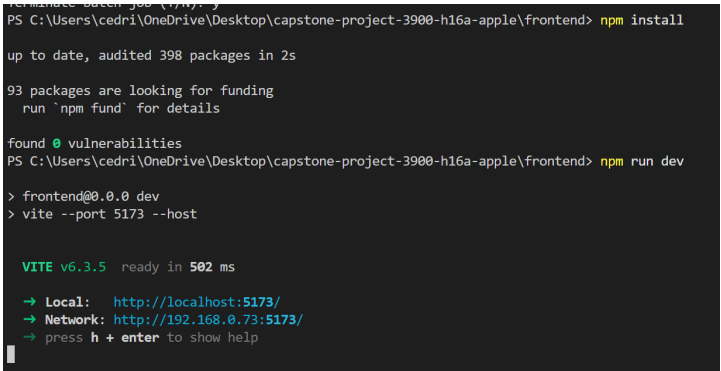
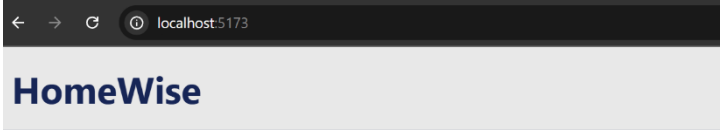


Installation Manual

| Step | Details | Image Walkthrough |
|------|--|--|
| 1 | Navigate to the project repository on GitHub |  |
| 2 | Click on Code → SSH → Copy the URL to the clipboard |  |
| 3 | In your terminal, use the command “git clone <copied SSH URL>” |  |
| 4 | Switch to the project repository |  |
| 5 | Switch to the backend directory |  |
| 6 | In this directory, create a new file and name it “.env” |  |

| | | |
|----|--|--|
| 7 | <p>Populate this new file with the following API keys</p> <pre> GMAPS_API_KEY=AlzaSyBBmU3ncba0PKzpCz0KU8PgIH7HQjMU2eo OPENAI_API_KEY=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 ACCESS_TOKEN_SECRET=ebca279b54eed810c581e992bdb0bf92eb1b2871a31f3b19b276a5ab68c36d49fd64e6ed8187d56c2af2612fa8d7b2a063508631b65226d47f957cab616b6664 </pre> <p>Save the file (These keys will be deprecated only after marks for the project are received)</p> | |
| 8 | Switch to the project repository | <code>\Desktop> cd .\capstone-project-3900-h16a-apple\</code> |
| 9 | Switch to the frontend directory | <code>ject-3900-h16a-apple> cd .\frontend\</code> |
| 10 | In this directory, create a new file and name it ".env" |  |
| 11 | <p>Populate this new file with the following API keys</p> <pre> GMAPS_API_KEY=AlzaSyBBmU3ncba0PKzpCz0KU8PgIH7HQjMU2eo </pre> <p>Save the file (These keys will be deprecated only after marks for the project are received)</p> | |
| 12 | Switch to the project repository | <code>\Desktop> cd .\capstone-project-3900-h16a-apple\</code> |
| 13 | <p>If Docker is installed on your system → Follow on with step 14</p> <p>If Docker is not installed on your system → Follow on with step 16</p> |  |

| | | |
|----|--|--|
| 14 | Run the command “docker compose up --build” |  |
| 15 | Open the link http://localhost:5173 when the Docker construction has been completed → Skip to step 22 |  |
| 16 | Switch to the backend directory |  |
| 17 | Run “npm install”, “npm run build” and “npm run start” in succession |  |
| 18 | Create a new terminal while keeping the old terminal open |  |
| 19 | Switch to the frontend directory |  |
| 20 | Run “npm install” and “npm run dev” in succession |  |

| | | |
|----|--|--|
| 21 | Open the link http://localhost:5173 when the Vite and DaisyUI message appears in the terminal |  |
| 22 | The website is now ready for use. For a guide on how to use the testing modules, consult the “README.md” file in the root directory of the project repository. | |

If you wish to test or deploy the application after the 12th of September, then you can replace the keys in the .env files using the following steps:

Google API:

1. To replace the Google API keys on frontend and backend, navigate to the [Google Cloud Console](#) and complete and tutorials/onboarding as required.
2. Using the burger menu on the page, navigate to APIs & Services -> API Library
3. Search for Geocoding API and Places API on the searchbar provided in the middle of the page. Open those service cards and proceed to enable those services
4. Using the burger menu on the page, navigate to APIs & Services -> Credentials
5. Select the Create Credentials button and select API Key from the dropdown. This will generate a plain key that we can assign our permissions to.
6. Select the key, opening it to edit its configuration. You can restrict the key to run on specified Websites, IP addresses or mobile applications. It is highly recommended to configure these to run on the specific application instances.
7. Under API restrictions, select the Restrict Key radio button. From there, open the dropdown to enable the Geocoding and Places API. Hit OK on the dropdown when completed.
8. Then, under additional information, click the Show Key button and copy-paste the key to the corresponding GMAPS_API_KEY sections on the frontend/.env and backend/.env for the iframes and backend functionality to perform.
9. Select Save on the key configuration page. It may take up to 5 minutes for settings to take effect.

OpenAI API:

1. Navigate to the [OpenAI API Platform](#) and switch to the “API Keys” tab.
2. If not signed in, sign in or create an OpenAI account.
3. On the API Keys page, click “create a new security key”
4. Follow the prompts and generate a new key
5. Copy the key to your clipboard
6. In the backend depository, add the line “OPENAI_API_KEY=<pasted API key>” to the .env file

Tokenisation Key:

1. This key will not be deprecated and hence, can be used without any changes.