

## Weather Application: Screenshots of Code and Working Application

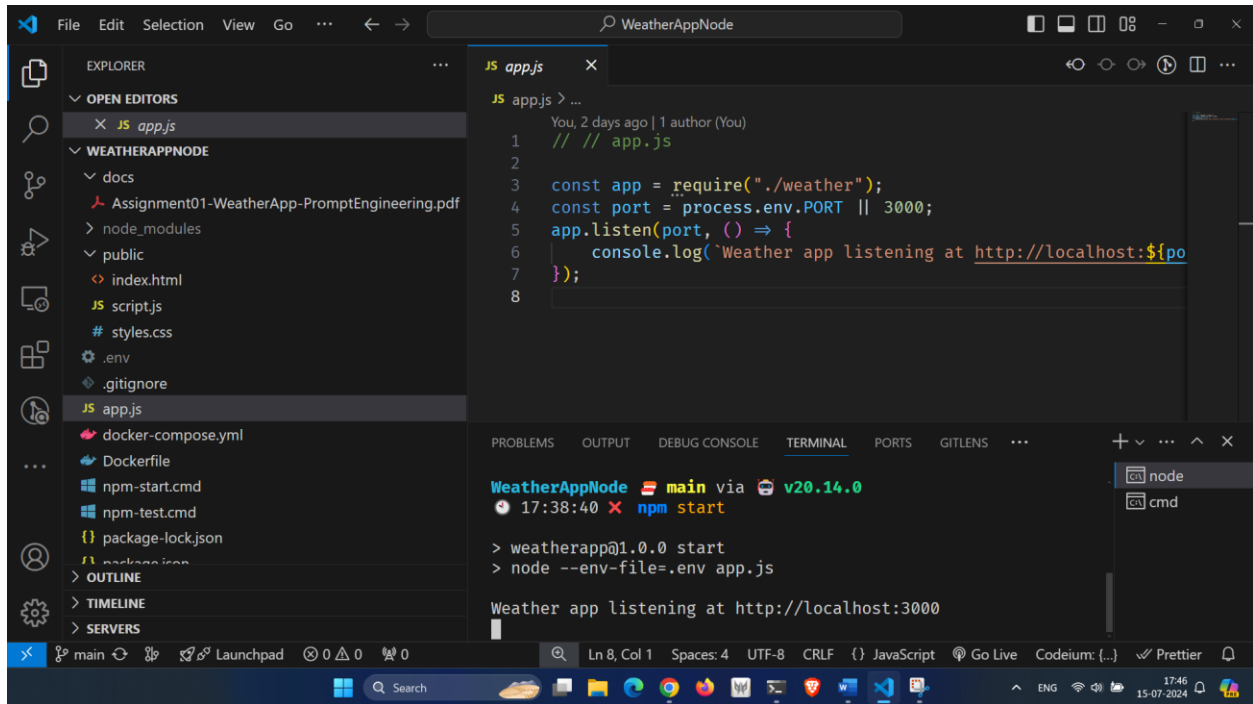


Figure 1 Screenshot of the IDE showing the code and the running application

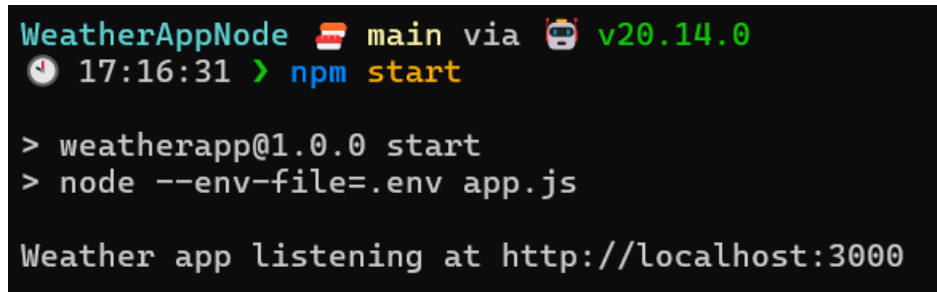





Figure 2 Weather Application running on localhost port 3000

```
WeatherAppNode  main  *1 via  v20.14.0
🕒 17:32:11 > npm test

> weatherapp@1.0.0 test
> jest --testTimeout=5000

PASS ./weather.test.js
  Weather API
    ✓ should fetch weather data for a valid city (65 ms)
    ✓ should handle error when city is not provided (9 ms)
    ✓ should handle error when city is not found (6 ms)
    ✓ should handle server error (6 ms)

Test Suites: 1 passed, 1 total
Tests:      4 passed, 4 total
Snapshots:  0 total
Time:       1.58 s, estimated 3 s
Ran all test suites.
```

Figure 3 Weather Application passing all 4 tests defined.

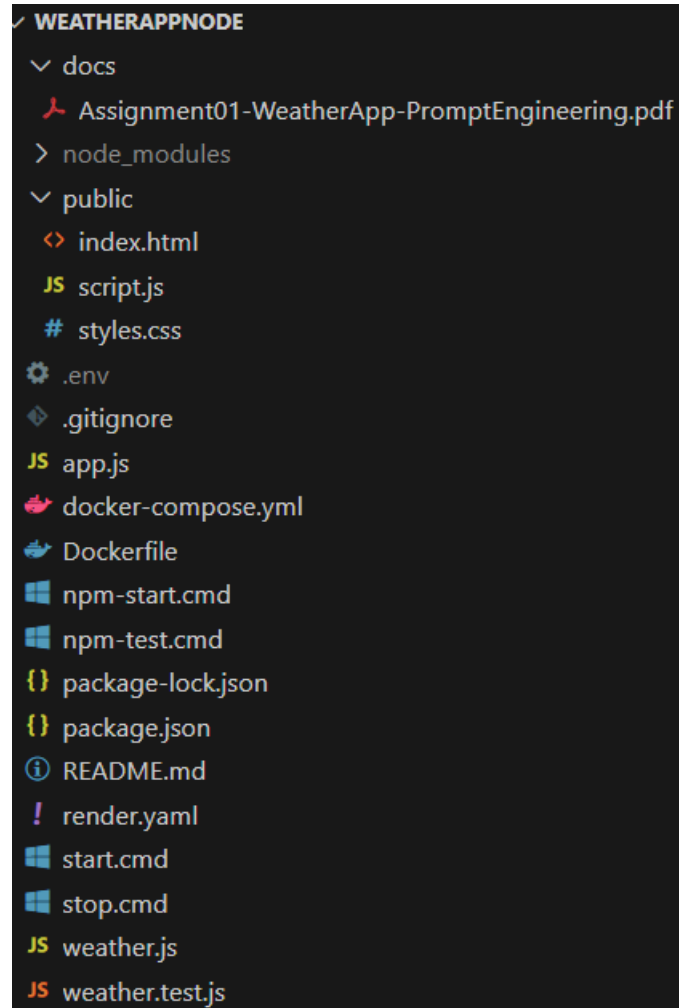


Figure 4 Project Files and Folder Structure

## Weather Application UI

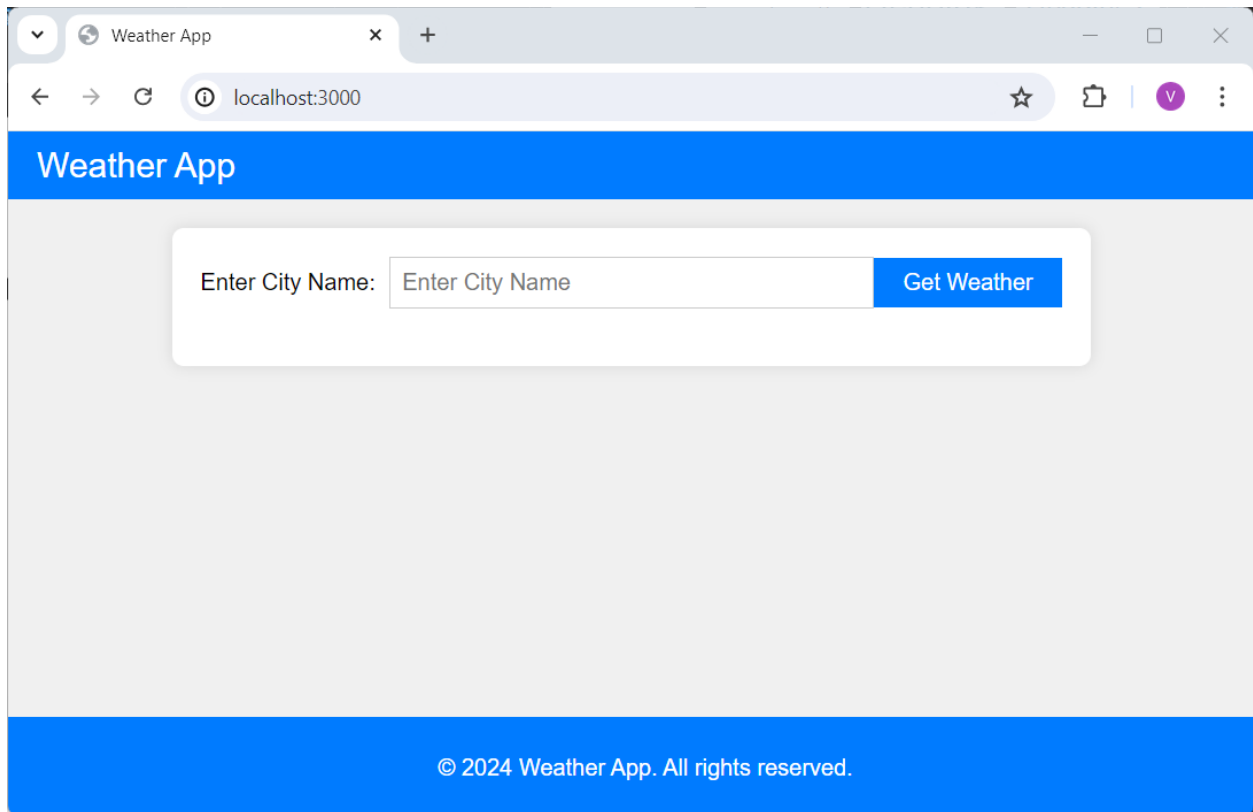


Figure 5 Desktop View (Responsive)

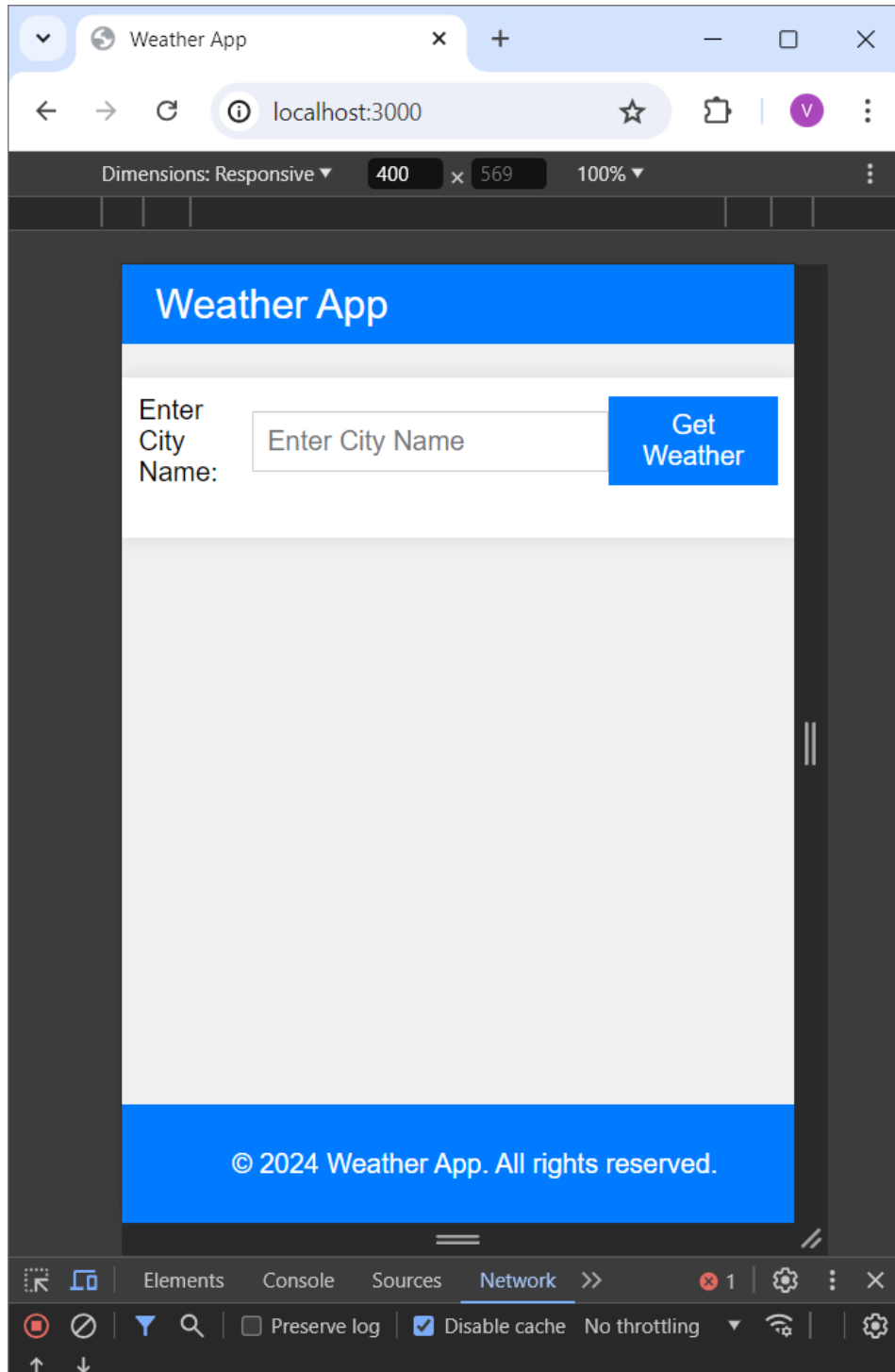


Figure 6 Mobile View (Responsive)

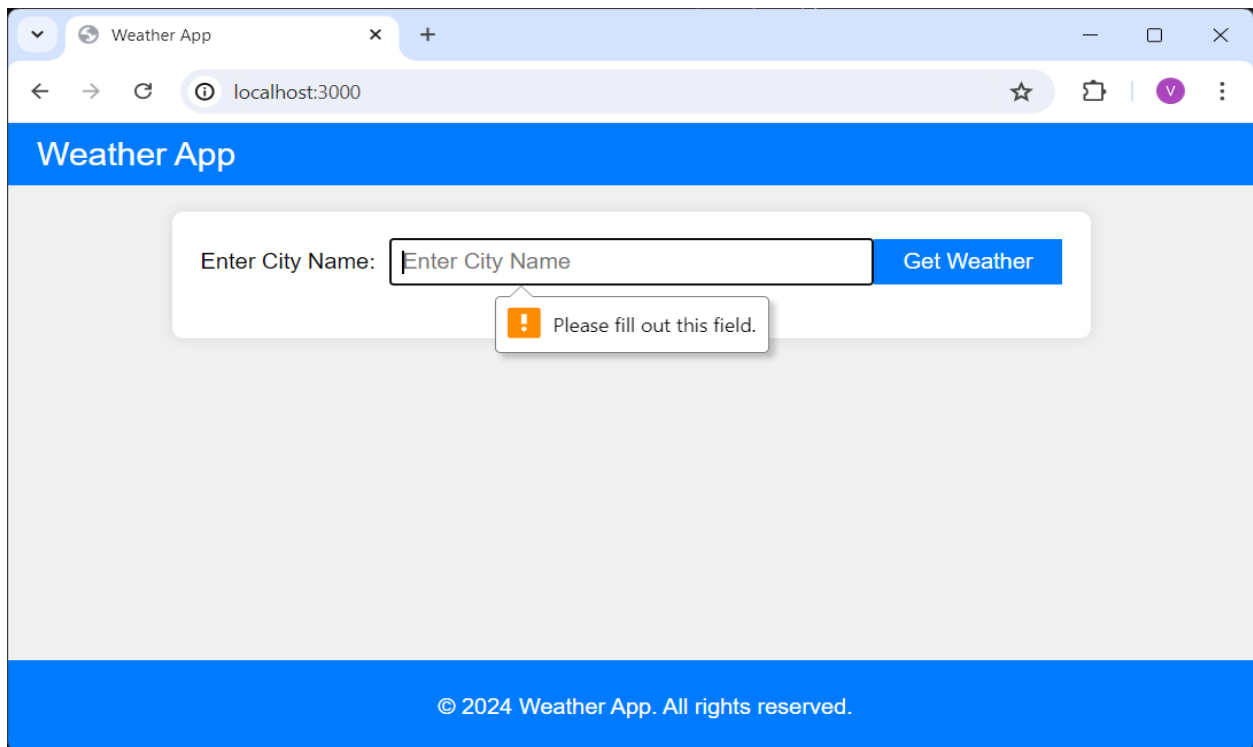


Figure 7 Error handling when no city entered

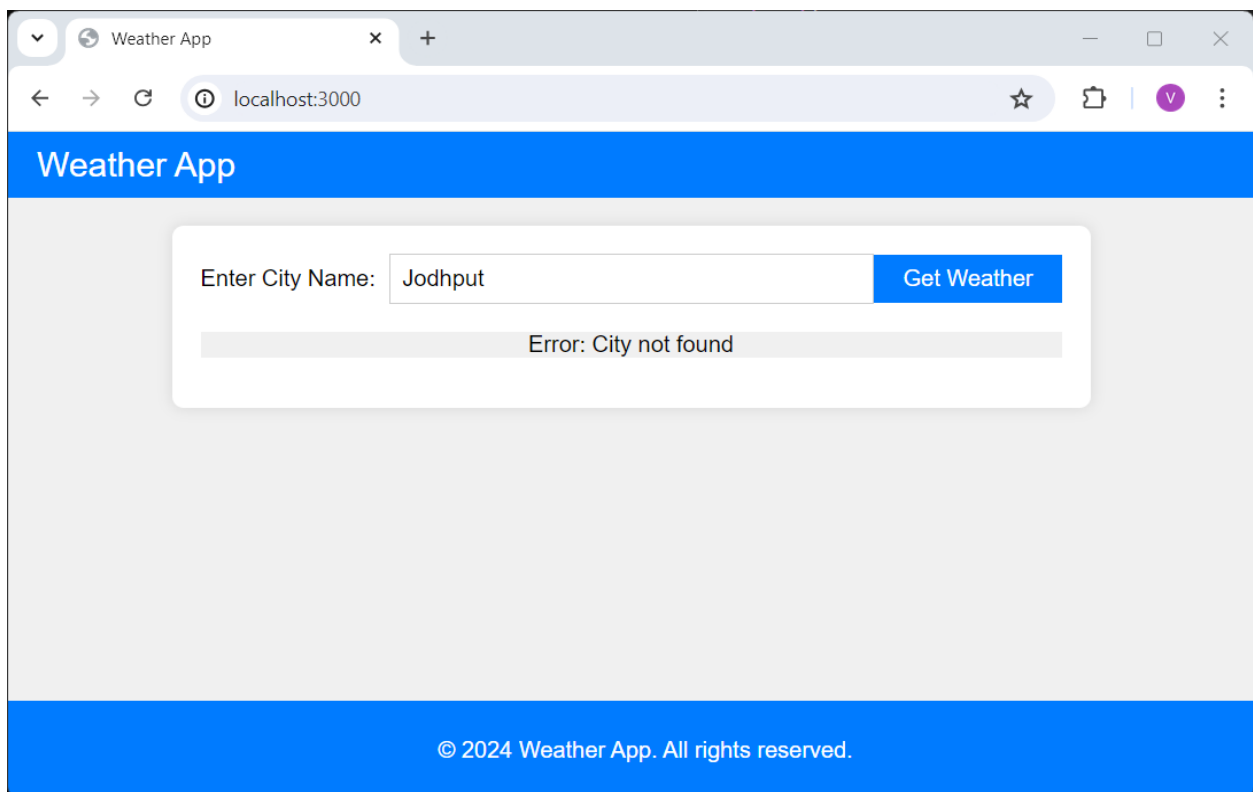


Figure 8 Error Handling when wrong city entered

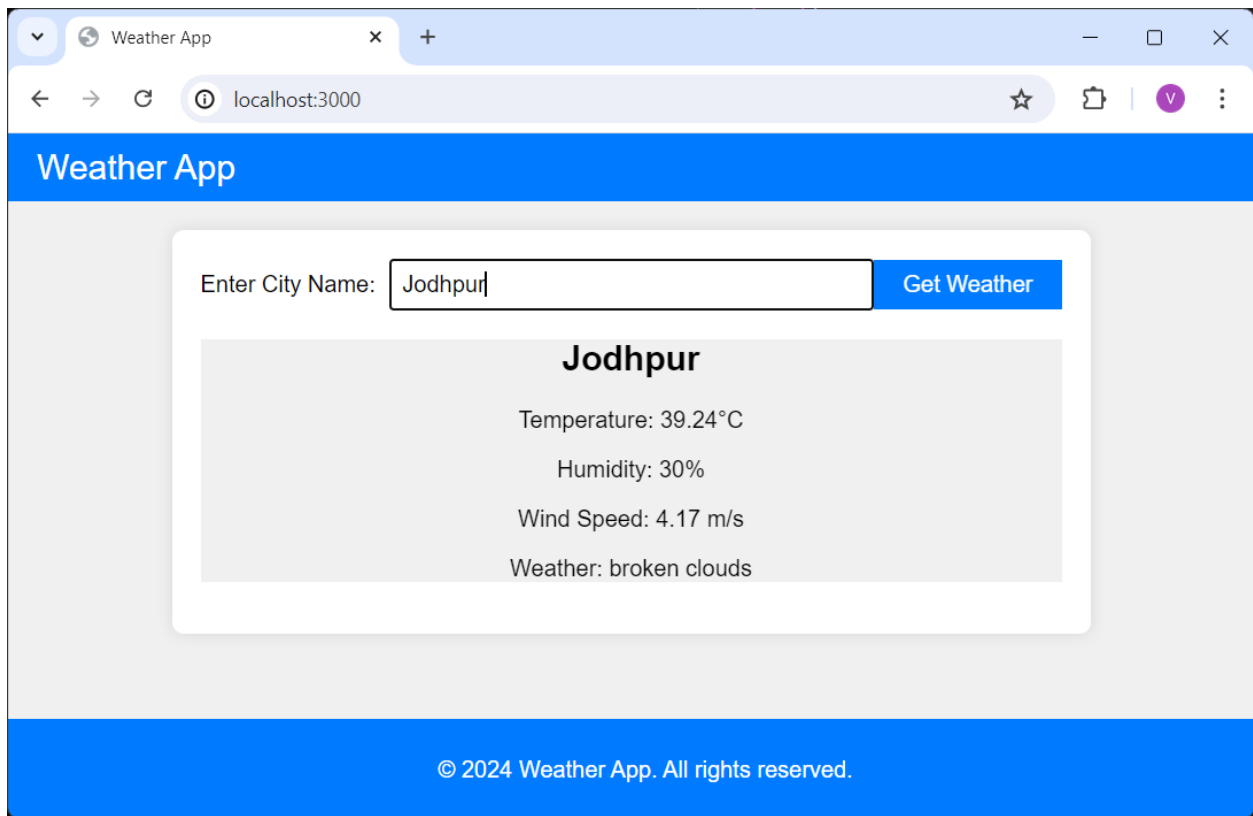


Figure 9 Weather Information Displayed for entered city