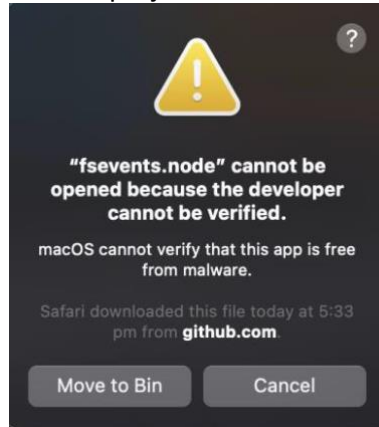


## How to run the project

1. Enter the API directory and run **dotnet build**
2. After building, run **dotnet run**
3. Open another terminal and enter the client directory then run **npm start/yarn start**
4. The problem you may have to run this project after downloading it from GitHub



**Solution:** Click the question icon and it will show how to reset the security setting. If you click the cancel button the front-end will not allow you to retrieve data from the back-end.

## Techniques

This project used React and bootstrap to create the front-end, also utilized dotnet core and SQLite(database) to build API and back-end.

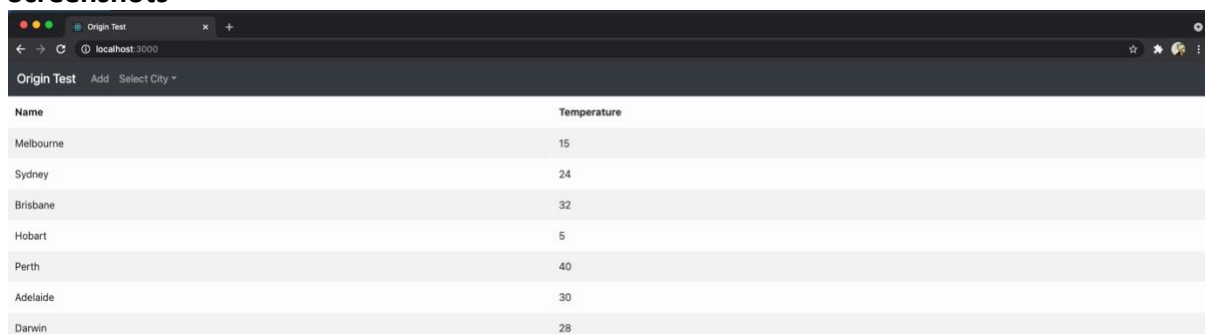
There is a total of 4 APIs. They represent retrieval, deletion, addition, and modification functions. According to the requirements, the front end I built only use two APIs to realize add new city function and retrieve data function.

## Version

React: 17.0.2

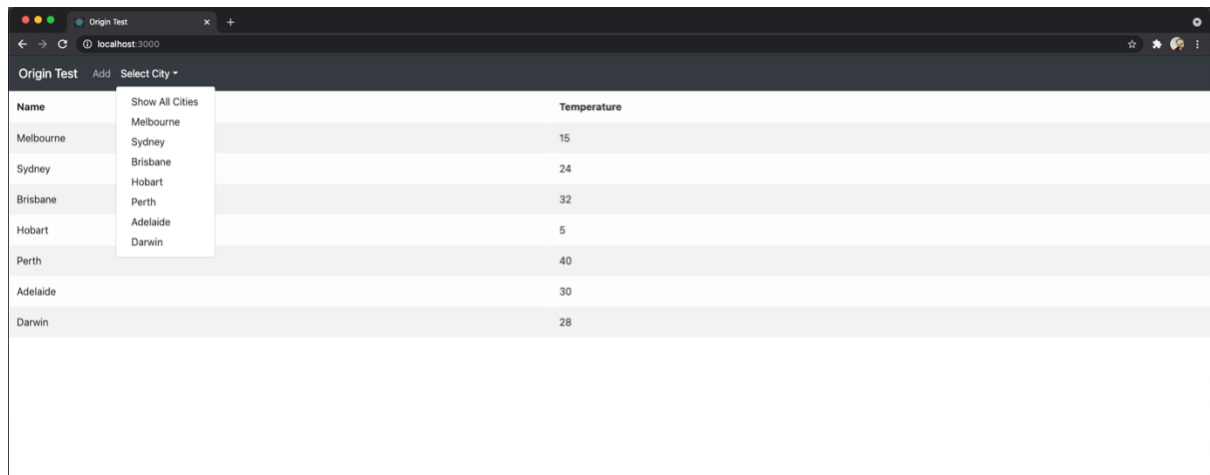
Dotnet: 3.1.4

## Screenshots

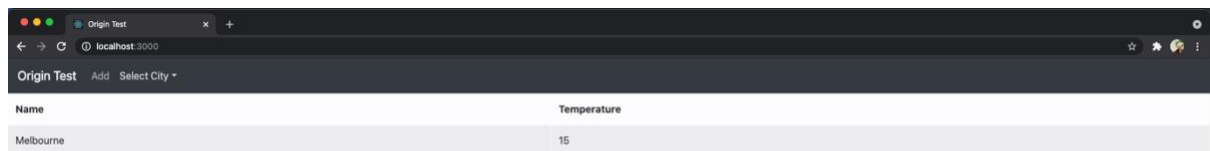
A screenshot of a web browser window. The address bar shows "localhost:3000". The page title is "Origin Test". Below the title is a navigation bar with "Add" and "Select City" buttons. The main content is a table with two columns: "Name" and "Temperature". The table contains eight rows of data for different cities.

Name	Temperature
Melbourne	15
Sydney	24
Brisbane	32
Hobart	5
Perth	40
Adelaide	30
Darwin	28

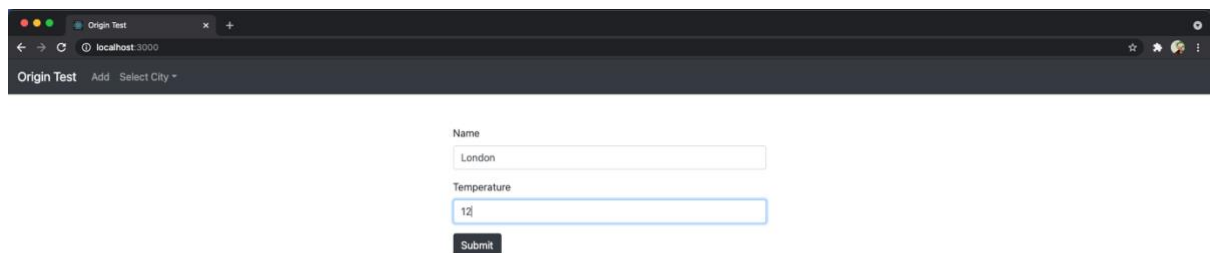
Screenshot: Display the sample list of data.



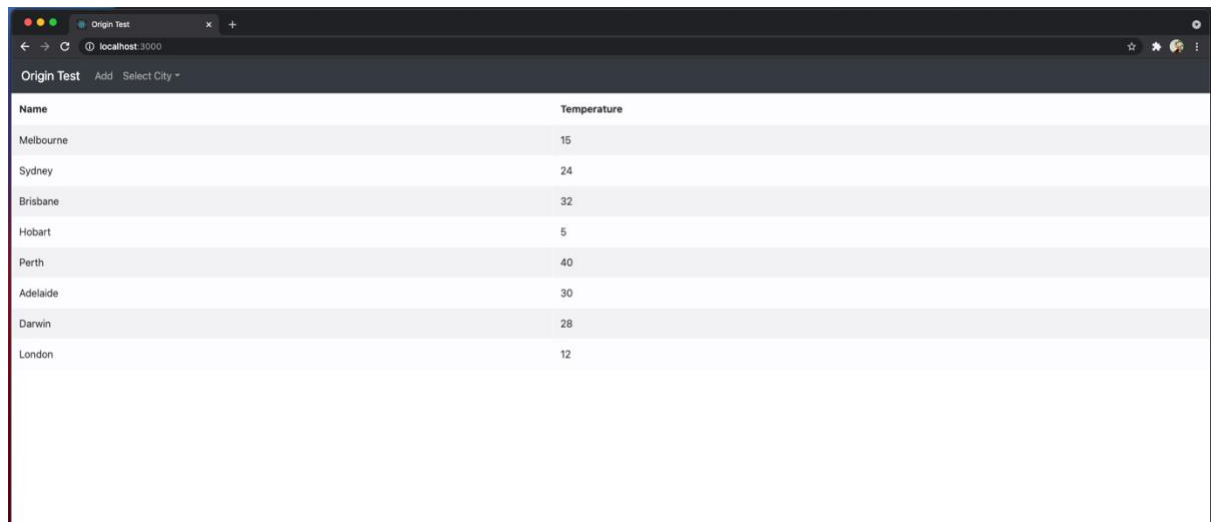
Screenshot: Dropdown to select city.



Screenshot: Only display the information of the selected city.



Screenshot: To add a new city to the display list.



A screenshot of a web browser window. The browser's address bar shows 'localhost:3000'. The page title is 'Origin Test'. Below the title, there is a navigation bar with 'Add' and 'Select City' links. The main content area displays a table with two columns: 'Name' and 'Temperature'. The table contains eight rows of data, each representing a city and its temperature. The cities listed are Melbourne, Sydney, Brisbane, Hobart, Perth, Adelaide, Darwin, and London. The temperatures are 15, 24, 32, 5, 40, 30, 28, and 12, respectively. The table is styled with alternating light and dark gray rows.

Name	Temperature
Melbourne	15
Sydney	24
Brisbane	32
Hobart	5
Perth	40
Adelaide	30
Darwin	28
London	12

Screenshot: Add the new city information successfully.