Create a weather outlook (forecaster) for multiple cities so a user can plan a trip accordingly:

Functionality Requirements:

* Input form for user to enter and search for a city
* Present user with current and future conditions for that city
* Add “searched” city to a search history
* When viewing current weather for searched city
  + Present user with:
    - 5-day forecast
    - City name
    - The date
    - Icon representation of weather conditions
    - Temperature
    - Humidity
    - Wind speed
    - UV Index
* When viewing the UV Index
  + Display color range that indicates (one of the following):
    - Favorable
    - Moderate
    - Severe
* When a city is “clicked” in Search History
  + Display 5-day forecast (current and future weather)

**Grading Requirements**

This challenge is graded based on the following criteria:

**Technical Acceptance Criteria: 40%**

* Satisfies all of the above acceptance criteria plus the following:
  + Uses the OpenWeather API to retrieve weather data
  + Uses localStorage to store persistent data

**Deployment: 32%**

* Application deployed at live URL
* Application loads with no errors
* Application GitHub URL submitted
* GitHub repository that contains application code

**Application Quality: 15%**

* Application user experience is intuitive and easy to navigate
* Application user interface style is clean and polished
* Application resembles the mock-up functionality provided in the Challenge instructions

**Repository Quality: 13%**

* Repository has a unique name
* Repository follows best practices for file structure and naming conventions
* Repository follows best practices for class/id naming conventions, indentation, quality comments, etc.
* Repository contains multiple descriptive commit messages
* Repository contains quality README file with description, screenshot, and link to deployed application