Weather Application

**Description:**

To build a weather application for China cities, and user can search the weather information by city name. The weather information should be displayed with user-friendly web UI.

**Requirements**:

1. to build backend API with Python Flask

2. can use any public free weather API as data source, eg. <https://github.com/public-apis/public-apis#weather>

3. handle exceptions globally and return friendly message in API response and front end eg. request error 4XX: 400/403/404/405 etc. and server error 5XX

4. to build UI with any framework (VUE/React/Jinja2/HTML/Bootstrap etc.)

**Nice to Have (optional):**

5. to provide API documentation with Swagger

6. to serve API with HTTPS

7. to provide unit test with pytest