My Weater Application

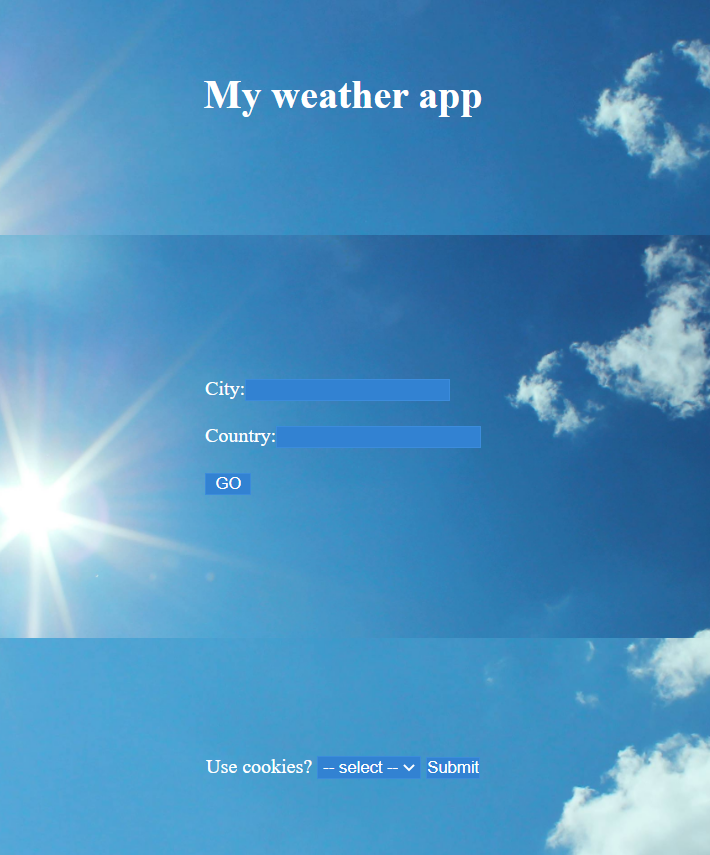


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# Background and purpose

This is the final project in the course Webdevelopment with Java.

The project aims to develop an app that receives weather data from an API, handles the data, and shows it on a website.

As an API, open weather map is used (<https://openweathermap.org/>).

The purpose of the project is to show how to use an API, interpret the result and show it on a webpage. Furthermore, the code should follow the MVC structure and interaction between servlets, java beans and other java classes must take place.

# Requirements

Following requirements must be met in order to fulfil the task:

* MVC structured code
* Mix JSPs, Servlets, Beans and other Java classes
* CSS and HTML
* Use cookies to show at least 5 former searches
* Variables, methods and classes named logically, and code well commented
* User must be able to decide if cookies are used or not
* The user must be able to search for a city in a certain country
* Each search must show the weather in that city
* Search result must include clouds, date and one more value from the API

# Software design

## MVC

Model classes include

* WeatherBean.java
* WeatherDataParser.java

View classes include

* Footer.jsp
* Header.jsp
* Index.jsp
* userWeaterPage.jsp

Controller classes

* CookieAccept.java
* CookieSearch.java
* OpenWeatherServlet.java

## Flowchart/UML

# Status

## Problems

## What would I have done different?

## Next steps