Function:

Show weather of selected city.

Technology:

Springmvc, Jquery, bootstrap, jsp, ajax, weatherAPI

Design:

Use springmvc as the web frame. jsp as a viewer. Bootstrap provides a better look.

Ajax request the weatherAPI to get weather condition. The city can be selected, data will be updated after selected. If there was no operation, the data will be refrash every 15 minutes automaticly.

The city combo come from backend. For further, they are configured in properties file, which can be added and deleted easily, also can get them from database when needed.

UML sample:

