Openweather API Travel Software

Implement a Software to help people plan their next shorttrip.

Following User Stories have been passed to you by the product owner. The User Stories are already sorted by priority.

- As a user I want to add possible destinations.

  E.g. Schladming, Bad Mitterndorf, Zell am See, Krieglach, Teichalm

- As a user I want to edit my list of destinations.

- As a user I want to have my destinations saved when closing and loaded when reopening the software

  Use XML for persistence

- As a user I want to have current weather information for my destinations.   [4]

- As a user I want to have a 5-day weather forecast for every destination.   [3]

- As a user I want to input my proposed travel day (within the next 5 days)

- As a user I want to sort the destinations by temperature, pressure and humidity
  (for my proposed travel day)   [2]

- As a user I want to have a nice User Interface with colors indicating high and low values and icons representing current weather conditions

- As a user I want to compare weather conditions easily by selecting days
  and destinations for easy decision where to travel next.   [1]

Planing of the software with User Interface mockups is mandatory.

Documentation and Testing of the Software is mandatory.

Using Version Control (GIT) is optional but will be considered for grading.

Implementation of the Software **should** be done in Java using swing User Interface to prepare for the Matura next year. Using Java is mandatory, using swing is not.