

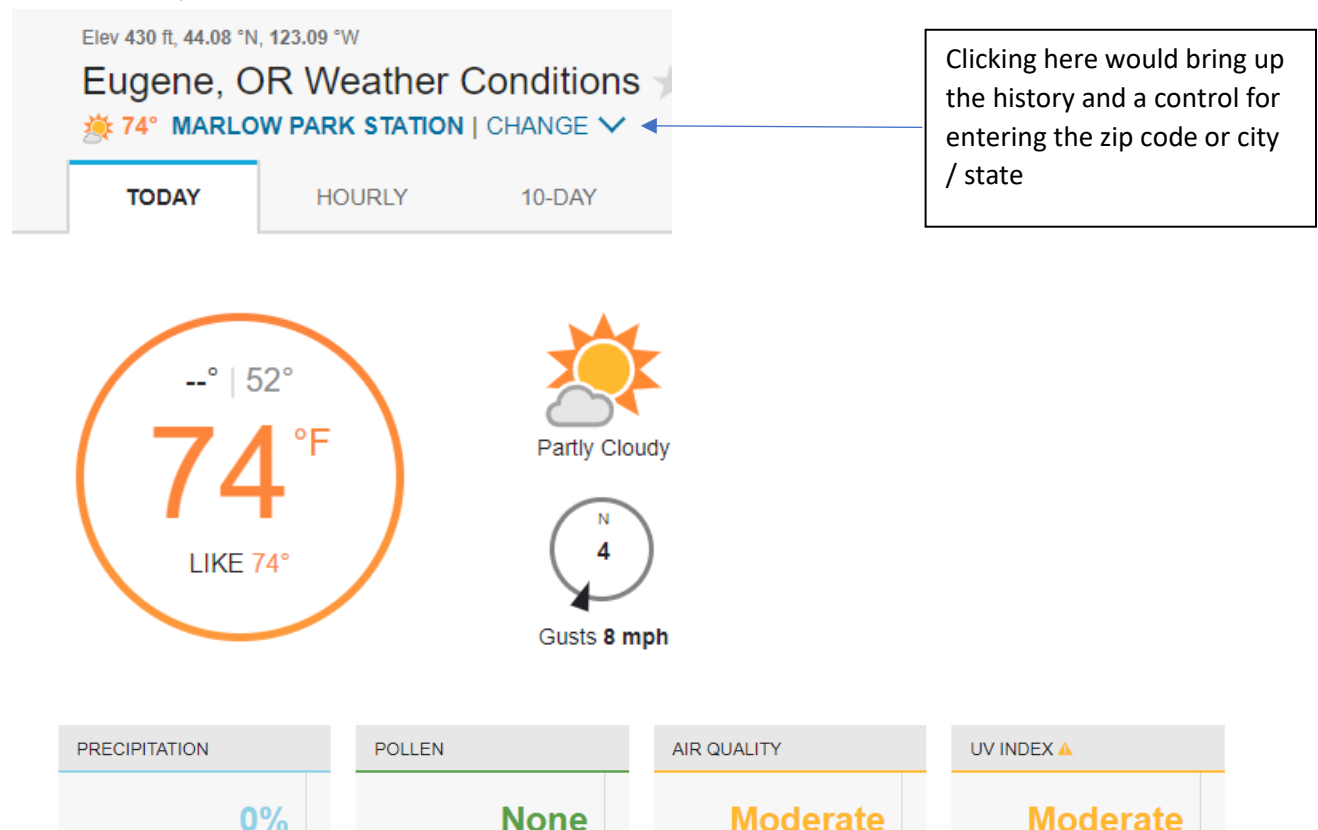
Sample Project Description and UI MockUp

Description








I'd like to improve on the weather app that we developed in class for my term project. In particular, I'd like to add functionality to the current application so that it functions more like the kinds of weather applications that are common on cell phones. I'd like the user to be able to:

- Access weather based on zip code or city and state. I'll limit the input to the US. When the user enters a zip code or city/state that the application doesn't recognize, the application will display an appropriate error message.
- Access important weather information for today (high/low temp, brief description and icon) by default.
- Access hourly or daily forecast by clicking on the appropriate tab. The hourly forecast will include a chart showing the hourly temperature as well as a table with the temperature, brief description and icon. The daily forecast will include a chart with high temp, low temp, a brief description and an icon as well as a chart with the high and low temperature.
- I'd love to implement a history feature that keeps track of locations that the user has entered in the past so that the user can easily view weather for a set of familiar locations.

UI Mockup



Hourly Tab – Graph would go below

Time	Conditions	Temp.	Feels Like	Precip	Amount	Cloud Cover	Dew Point	Humidity	Wind	Pressure
5:00 pm	 Mostly Sunny	73 °F	73 °F	0 %	0 in	27 %	55 °F	54 %	7 mph WNW	29.91 in
6:00 pm	 Mostly Sunny	72 °F	72 °F	0 %	0 in	23 %	53 °F	52 %	8 mph W	29.91 in
7:00 pm	 Sunny	70 °F	70 °F	1 %	0 in	19 %	53 °F	55 %	8 mph W	29.92 in
8:00 pm	 Clear	68 °F	68 °F	2 %	0 in	11 %	53 °F	59 %	6 mph W	29.94 in
9:00 pm	 Clear	63 °F	63 °F	2 %	0 in	13 %	54 °F	73 %	5 mph W	29.95 in
10:00 pm	 Mostly Clear	60 °F	60 °F	2 %	0 in	20 %	54 °F	80 %	4 mph WSW	29.96 in
11:00 pm	 Mostly Clear	58 °F	58 °F	4 %	0 in	26 %	54 °F	87 %	4 mph SW	29.96 in

Daily Tab – The graph below is too busy but it gives you an idea what I think I'd like to do

