Final Project: Weather App

**Requirements:**

This will be a desktop application that displays the current weather conditions and gives a forecast of the next 7 days at any US location specified by the zip code. As the weather conditions change, the background image will change accordingly. The user will have the ability to add, modify, and delete locations from a list, as well as select their preferred location to be displayed. The weather information will be gathered from the National Weather Service—a free service provided by the United States government, and the images will be rights and royalty free. If time allows, there will be an option to let the user specify what he or she is wearing in the current conditions, which will be saved and displayed the next time similar conditions arise.

**Concerns:**

Parsing through the xml on the National Weather Service’s website could prove to be quite the challenge. Also, it’s hard to tell what some of the numbers actually mean, so sorting through those and applying them correctly will be difficult. The layout might also be hard to configure, because every picture is very different, so the color of the text might have to change with every different picture displayed.