

Project Write-up

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# Analysis

## Problem spec

## Computational methods

## Research

There are many weather forecasting websites such as [www.bbc.co.uk/weather](https://www.bbc.co.uk/weather) which are popular choices for people to use for checking weather forecasts. Websites such as this use other websites such as [www.metoffice.gov.uk](http://www.metoffice.gov.uk) to get their weather forecasts from.

## Stakeholders

There are many stakeholders for my weather application:

* Users – the people who use the application for checking the weather forecast and search engines that may use the data for showing the weather to other people who search for the weather forecast on that search engine
* Developer – me – the clever guy who writes the code and thinks what code to write where in the code using the least amount of code possible to achieve the goal of writing the weather forecasting program
* Google – search engine for searching for the weather forecast
* Weather – use of the API (Application Programming Interface) for the weather information
* Tester – me – the one who rigorously tests the program, checking for any bugs that may occur when using the application
* Parent – an older person who checks the user of the application
* Maintainer – the one who checks the code has

## Developer

## Player

## Tester

## Essential features

Weather is important for many people. This weather application learns from its mistakes and gets better every day to make it the best possible and therefore the most accurate weather forecasting application possible. This means not only will it be wrong less and less often, it will learn to make it better and better all the time.

## Limitations

## Requirements

1. Use an API to access the weather information
2. Use the weather information to display the weather on a webpage
3. Have a location search box to search for the weather in a particular location
4. Have a resizable window
5. Use machine learning to predict next day’s weather and display on screen
6. Have an easy to use GUI rated by beta testers
7. Have >75% 5-star reviews by users
8. Look visually appealing to >75% of beta testers

## Measurable success criteria

# Design

# Iterative dev

# Evaluation