

Team

- Team Name: Raspberry Pie
- Team Number: 6

Team Members:

- Oliver He
- Aaron Mankel
- Nik Suyko
- Junzhen Wang
- Kieran Zylstra

Application

Application Name: Inspirational Weather

Application Description:

The application will consist of a weather mining web application that makes predictions about what the next day of weather. It will use an API that gives data in either an xml or json format. It will store this data in an SQL database for later retrieval. When a person asks for the weather it will get the most current data from the api service and then update the table.

The stored data will be used to make a prediction about tommorows weather and in order to display past data. Displaying old data is key because not many APIs offer this as a service and very few web pages or apps display this data. Along with displaying past data and giving a prediction for the next day we will display an inspiration quote that is retrieved from another table where we will have stored many quotes for circulation

Vision Statement

The web application is for everyday people who have a need of accurate weather data. Inspirational Weather is in a category of a predictive web application that gives people past weather data as well as current weather and inspirational quotes that unlike other weather apps, gives past weather data.

Version Control: Github

- k2zylstra/SoftwareDev_ProjectCode
- k2zylstra/SoftwareDev_MeetingLogs
- k2zylstra/SoftwareDev_MilestoneSubmissions

Development Method:

We will be using agile. Here we defined the scope, and once every two weeks we will begin working on a new feature and we should have it finished by the next agile meeting Over the two weeks will also be meeting every week and can monitor the launch of our feature.

Communication Plan:

We will keep in touch with discord to make sure everything is going according to schedule. Google docs will be used for collaboration on small files and Github will be used for meeting logs code and milestone submissions

Proposed Architechture Plan:

Web Application

- **Frontend:** Javascript/React
- **MiddleLayer:** Node.js
- **Backend:** MYSQL

Meeting Plan

We will be meeting every Tuesday at the Pekoe caffee from 9am to 11am in person.