Project Plan

Project Plan

Team members

* Behailu Shanko
* Gabrielle White
* Jennifer Mcclintock
* Purva patel
* Yibeltal Allene

**Project overview**

|  |
| --- |
| **What is the project? What will it do?**  The project we will be doing is a weather application that will allow the user to search for a city and get the weather for that location. Our program will reach out to an api, and perform a GET request to use the data to display for the user. We will write our program in Python, and use Django framework for the GUI. |

**Objective project**

|  |
| --- |
| **What are the expected results at the end of the project?**   * Understanding the software development phases. * Successfully complete a collaborative project by adhering to scheduled deadlines. * Research, plan, conduct, and complete a weather app that predicts a forecast for various cities searched by the user. |

**Project planning**

|  |
| --- |
| **Project Delivery Date**: December 13, 2022  **Key Milestones:**   * Set up a collaboration environment:   + Code repository with GitHub – Making sure everyone clones project and has access to it   + Communication through MS Teams – Two weekly meetings and an open line of communication in MS Teams.   + Create an AWS free tier account * Go over project parts and decide who will do/work on what part. * Come up with a design plan. * Start the coding process :   + GitHub will handle merge requests and code integration * Run testing and perform any debugging * Migrate GitHub repository to AWS repository for deployment |

**System specifications**

|  |
| --- |
| **Hardware and software base for the project:**   * Language: Back-end and Front-end will both be written in Python. The front-end will use Django framework for the GUI. * API: reaching out to openweathermap api in order to retrieve the data * Web-Based Application hosted through AWS – End user will need access to internet * Code integration using GitHub |

**Comments**

|  |
| --- |
| TODO's:   * Assign team members project responsibilities |