**Magic Mirror**

**Project Team Members**

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**Project Summary**

The Magic Mirror will fetch data from weather websites in order to tell a user what the weather will be and use that data to alert the user of complications due to said weather. Ideally, the mirror should also tell the user of news events, email and text notifications, and tell the time.

**Goals and Objectives**

A mirror that displays necessary information such as date, time, weather, and the user’s daily schedule every morning. It should be able to be fed a calendar and fetch weather data for a user’s specified location. The calendar should be user-editable from the RPi along with the location.

**GPIO**

For now, the system will be self-contained in the RPi, but in the future, we will utilize a bigger, reflective screen for the user.

**GUI**

The GUI will be used for setup of the mirror, along with setting the location and calendar details. The GUI will be minimal, as it is supposed to act as a mirror. This could be accomplished by GUI elements being located at the mirror’s corners.

**GitHub Repository**

This project's GitHub repository is located at: <https://github.com/bnd011/MagicMirror>

**Gantt Chart**

