***M&M Weather***

***A comprehensive user guide***

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5 December 2024

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\*Please note that some images may look slightly different on your screen. This is because the background image may differ, depending on the current conditions of your location.

# 1. Introduction

Welcome to M&M Weather! This is a weather application built from the ground up for simplicity, ease of use, and accuracy. In this user guide, you will find the basics in using the application while simultaneously learning about all of the incredible features and functions available.

# 2. User Interface (UI)

Upon opening the app, you will see the screen below (figure 1). This is the start screen.

A white board with black text

Description automatically generated

Figure

This screen contains four panes: the left pane, the central pane, the right pane, and the search pane. The left pane consists of five, vertically stacked boxes. The central pane contains a circle with the app logo, and six slim boxes beneath it. The right pane consists of seven vertically stacked panes. The search pane consists of a search box, a search button, a large white box, and a save button.

The boxes and fields will dynamically populate upon searching for a location. To get started with location search, see [section 3](#_3._Getting_started).

# 3. Getting started with search

Now that you are familiar with the app, you can use it. Start by selecting the search box. The search box is seen below, in figure 2.

A white rectangular frame with grey text

Description automatically generated

Figure

Once you select it, the text in the box will disappear and the box will be highlighted with a blue box around it, as seen in figure 3.

A blue rectangle with white border

Description automatically generated

Figure

You can now enter a city name or zip code. To process your search token, select the “search” button.

# 4. Understanding Weather Data

Once you search for a location, the background image will change depending on the current conditions of the city you have entered. Concurrently, several fields on the screen will populate and present information. Let’s go through them pane by pane:

## Left pane:

The left pane displays information for current weather conditions, each arranged in a separate box. The first box shows relative humidity for the area. The next box shows current wind speeds in miles per hour. The next box shows the current temperature with windchill, also known as the “feels like” temperature. The next box shows the current wind direction in degrees. The final box shows the current chance of precipitation in the form of a percent. Figure 4 below shows an example of this pane.

A screenshot of a weather forecast

Description automatically generated

Figure

## Center pane:

The central pane contains two main elements. One is current information while the other is a six-hour forecast. The circle at the top of the pane contains current information. This includes the city name and state at the top, then the current temperature in the middle, followed by a description of the current conditions at the bottom. The six boxes at the bottom are the hourly forecast. The top of each box contains the time of the forecast, the center contains the temperature, and the bottom contains the percent chance of precipitation. An example of this pane is shown below in figure 5.

A screen shot of a phone

Description automatically generated

Figure

## Right pane:

The right pane consists of seven boxes, these are a seven-day forecast. At the top of each box is the day of the forecast. Below this, the high and low temperatures for the given day are provided in the format of HIGH/LOW. Below this is the percent chance of precipitation throughout the day. Finally, the bottom of each box displays the time at which sunrise and sunset will happen in each given day. An example of this pane is shown below in figure 6.

A screenshot of a weather forecast

Description automatically generated

Figure

# 5. Location Save/Load

## Location Save

In the event you would like to save a location for easy access later, you can simply press the “Save” button after searching for it. The save button can be seen in the search pane, it is shown below in figure 7. Note that a maximum of 10 locations can be saved. Saving additional locations will delete previously saved locations.

A grey button with black text

Description automatically generated

Figure

## Location Load

To access a saved location, simply double-click it in the list of saved locations.

# 6. A note to our users.

Thank you for using our weather application! We hope it can bring you information when you need it and stand out among other apps you may have used previously. In the event of any troubles or questions, please feel free to contact our developers:

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