Event Scheduler GUI Application - User Manual

Introduction

The Event Scheduler GUI Application is designed to help users easily schedule, view, and manage events. The application provides a simple and intuitive graphical interface built with Tkinter, ensuring a user-friendly experience.

Features

* Add Events: Users can create events by entering the event name, date, and time.
* View Events: A list of scheduled events is displayed for quick reference.
* Delete Events: Users can remove events they no longer need.
* Error Handling: Ensures correct data entry by validating date and time formats.
* Navigation: Simple and clear buttons allow easy access to all features.

System Requirements

* Python 3.x
* Tkinter (included with Python)
* Pillow library (pip install pillow)

Installation Instructions

1. Ensure Python is installed on your system.
2. Install Pillow by running the following command:
3. pip install pillow
4. Run the application by executing the script:
5. python KieferCashFinalProject.py

How to Use the Application

1. Launching the Application

* Open a terminal or command prompt.
* Navigate to the directory containing KieferCashFinalProject.py.
* Run the script using Python.

2. Main Menu

The main menu provides the following options:

* Add Event: Opens a window to create a new event.
* View Events: Displays a list of scheduled events.
* Exit: Closes the application.

3. Adding an Event

1. Click on "Add Event" from the main menu.
2. Enter the event name.
3. Enter the date in the format YYYY-MM-DD (e.g., 2025-03-10).
4. Enter the time in the format HH:MM AM/PM (e.g., 10:30 AM).
5. Click "Save Event" to store the event.

*If incorrect formats are entered, an error message will be displayed.*

4. Viewing Events

1. Click on "View Events" from the main menu.
2. A list of scheduled events will appear.
3. Select an event from the list to delete it if needed.

5. Deleting an Event

1. Open the "View Events" window.
2. Select an event from the list.
3. Click "Delete Event" to remove it.

*If no event is selected, an error message will appear.*

Troubleshooting

| Issue | Solution |
| --- | --- |
| Application won't open | Ensure Python is installed correctly. |
| Image not displaying | Make sure the image file exists in the directory. |
| Invalid date format | Use YYYY-MM-DD format. |
| Invalid time format | Use HH:MM AM/PM format. |
| Events not saving | Ensure events.json is in the correct directory and writable. |

Support

For further assistance, don’t contact me.