

To-Do List Application User Guide and Setup Instructions

Introduction

In the hustle and bustle of daily life, effective task management is paramount. The To-Do List application is a user-friendly tool designed to simplify this process. This comprehensive guide provides insights into using and setting up the To-Do List application.

Setup Instructions

Before exploring the features of the To-Do List application, make sure you have the necessary tools installed. The application was developed using Thonny, a Python IDE. Follow the steps below to set up the environment:

1. Thonny IDE

Install Thonny, a beginner-friendly IDE for Python, from <https://thonny.org/>.

2. PySide6

The To-Do List application utilizes PySide6 for building the graphical user interface. Open Thonny and install PySide6 using the integrated package manager or run the following command in Thonny's shell:

```
bash

pip install PySide6
```

3. Required Modules

Make sure to have the following modules imported in your environment:

```
import os
from PySide6.QtCore import Qt, QDate
from PySide6.QtGui import QColor
from PySide6.QtWidgets import (
    QApplication, QMainWindow, QVBoxLayout, QHBoxLayout, QWidget,
    QLabel, QLineEdit, QPushButton, QAbstractItemView, QComboBox,
    QTableWidgetItem, QDateEdit, QDialog, QMessageBox, QTableWidgetItem
```

Login

Upon launching the To-Do List application, a login dialog will greet you. Choose between logging in with existing credentials or registering a new account.

Registering a New Account

For new users:

1. Enter your desired username and password.
2. Click the "Register" button to create an account.
3. A successful registration will be confirmed through an information dialog.
4. Logging In

For existing users:

1. Enter your registered username and password.
2. Click the "Login" button.
3. A successful login will transition you to the main To-Do List window.

To-Do List

The main To-Do List window provides an intuitive interface for managing tasks.

Adding a Task

To add a new task:

1. Enter the task description in the "Task" field.
2. Choose a deadline date using the date picker.
3. Optionally, provide additional details in the "Details" field.
4. Select the priority from the dropdown list (High, Medium, Low).
5. Press the "Add!" button or press Enter after entering the task description.

Removing a Task

To remove tasks:

1. Select the task(s) in the list by clicking on them.
2. Click the "Remove!" button.
3. Confirm the deletion in the prompted dialog by clicking "Yes."
4. Click the "Save Edits" button, so next time you reopen the program the task is deleted

Saving Edits

To save edits made to the task list:

1. Double click in the cell you wan to edit
2. Click the "Save Edits" button.

All changes made to the tasks will be saved to the file.

Conclusion

In conclusion, the To-Do List application is a versatile tool for efficient task management. By following the setup instructions and leveraging the outlined features, users can enhance their productivity and organizational skills. Should any queries arise or issues persist, refer to the application's documentation or seek assistance from the support channels provided.

Welcome the To-Do List application as your go-to task companion for improved productivity and organization in your daily life.