

Task Scheduler Manual

Group 2

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I. Setting Up

1. Download the zip file and extract it to the directory of your choice.
2. Open your MariaDB terminal and navigate to the directory where the zip file was extracted.
3. After logging in as the root user, source the database using the command: *"source app.sql"*.
4. Open Powershell/Command Prompt, then head to the directory where the files are saved.
5. If MariaDB Connector is not yet installed, run this line of code: *"pip3 install mariadb"*. Otherwise, skip to step 6.
6. Execute the file by running this line of code: *"python app.py"*
7. You are now using the task scheduler application.

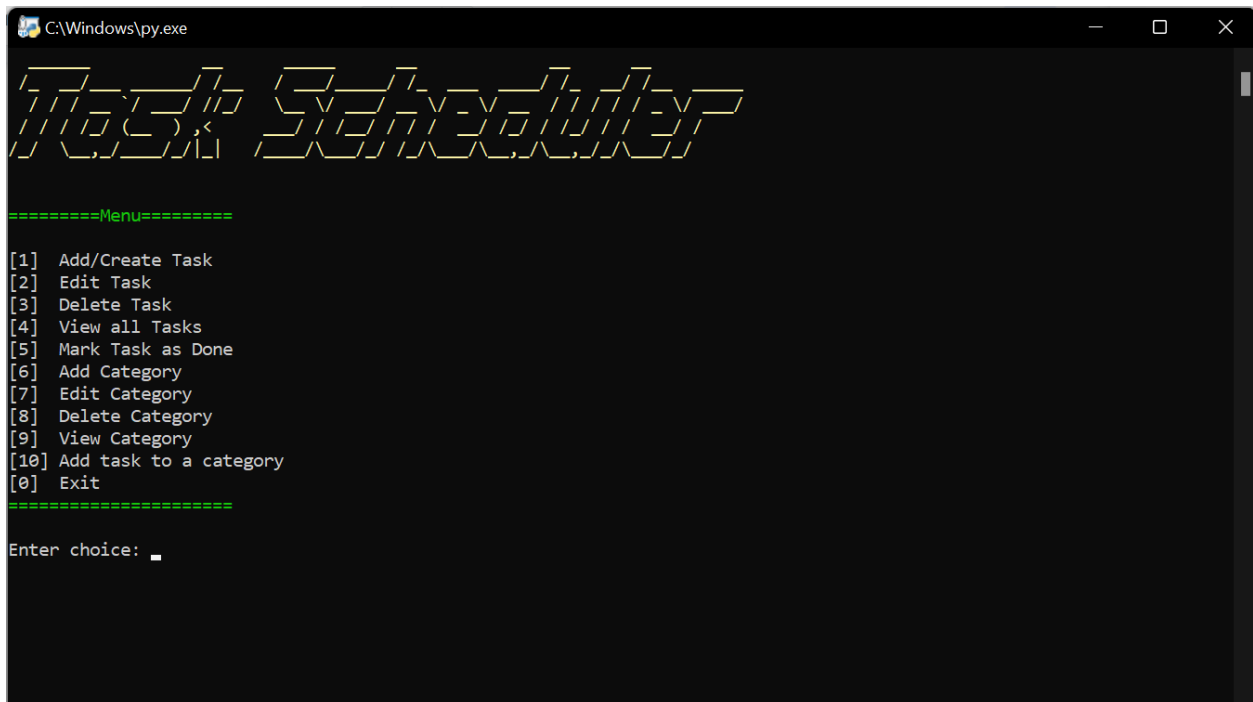
Note: After setting up, you can run the program by directly opening the "app.py" application.

II. Starting the application

Upon opening the application, the user must enter his/her MariaDB root password.



After logging in, the user would be presented with a list of choices which can be selected in the menu. The user can choose a feature of their choice by entering the corresponding number next to the available options.



III. Features

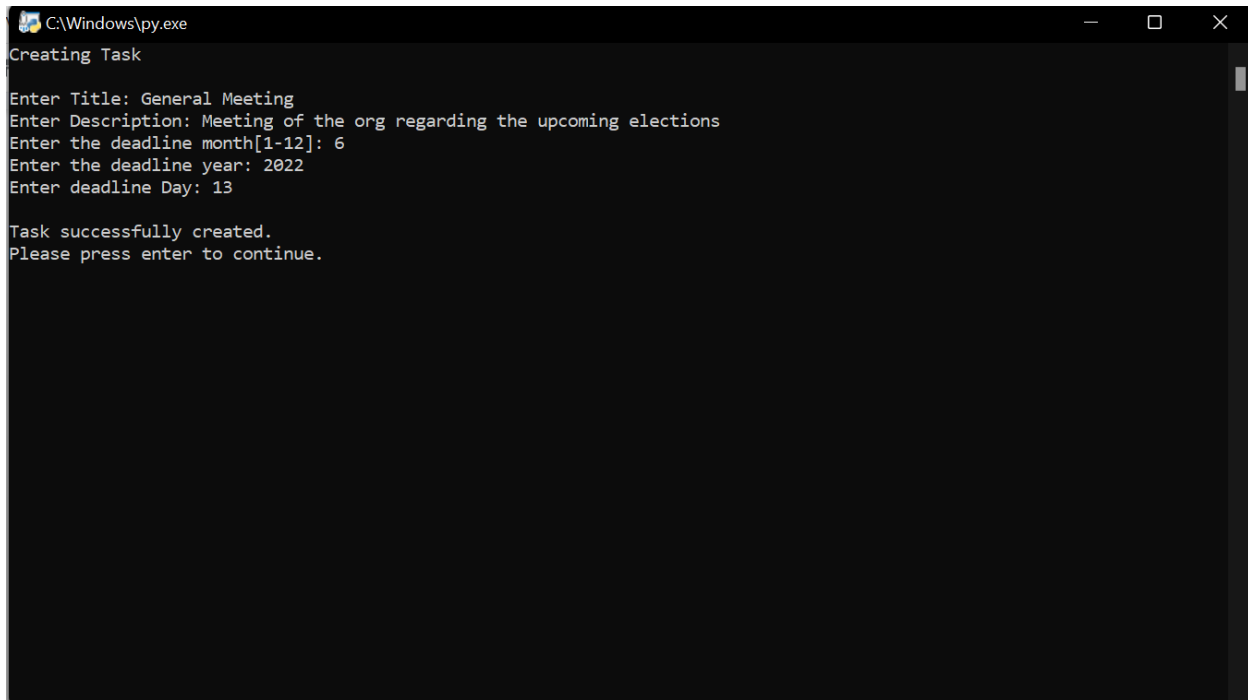
1. Add/Create Task

Selecting '1' in the menu would allow the user to create or add their desired tasks. The user would then fill up the following:

- Title
- Description
- Deadline Month
- Deadline Year
- Deadline Day

Note: The user should not enter a deadline date earlier than the current date.

Note: The user should not enter an existing task title.



```
C:\Windows\py.exe
Creating Task

Enter Title: General Meeting
Enter Description: Meeting of the org regarding the upcoming elections
Enter the deadline month[1-12]: 6
Enter the deadline year: 2022
Enter deadline Day: 13

Task successfully created.
Please press enter to continue.
```

2. Edit Task

Selecting '2' in the menu will allow the user to edit a task that they have created. A numbered list of all the tasks will be shown, from which the user can select which task to edit by entering its corresponding number. Afterwards, they would be prompted to select the number that corresponds to which detail to edit on their chosen task. The given choices are:

1. Title - to edit the task title
2. Description - to edit the task description
3. Deadline Date - to edit the deadline
4. Back - to exit

Note: The input rules from Adding a Task also apply in Editing task details.

```
C:\Windows\py.exe
Editing Task

=====List of Tasks=====
[1] General Meeting

Enter the task number to edit:
```

```
C:\Windows\py.exe
Editing Task

=====List of Tasks=====
[1] General Meeting

Enter the task number to edit: 1

[1] Edit Title
[2] Edit Description
[3] Edit Deadline Date
[4] Back
Enter choice:
```

```
C:\Windows\py.exe
Editing Task

=====List of Tasks=====
[1] General Meeting

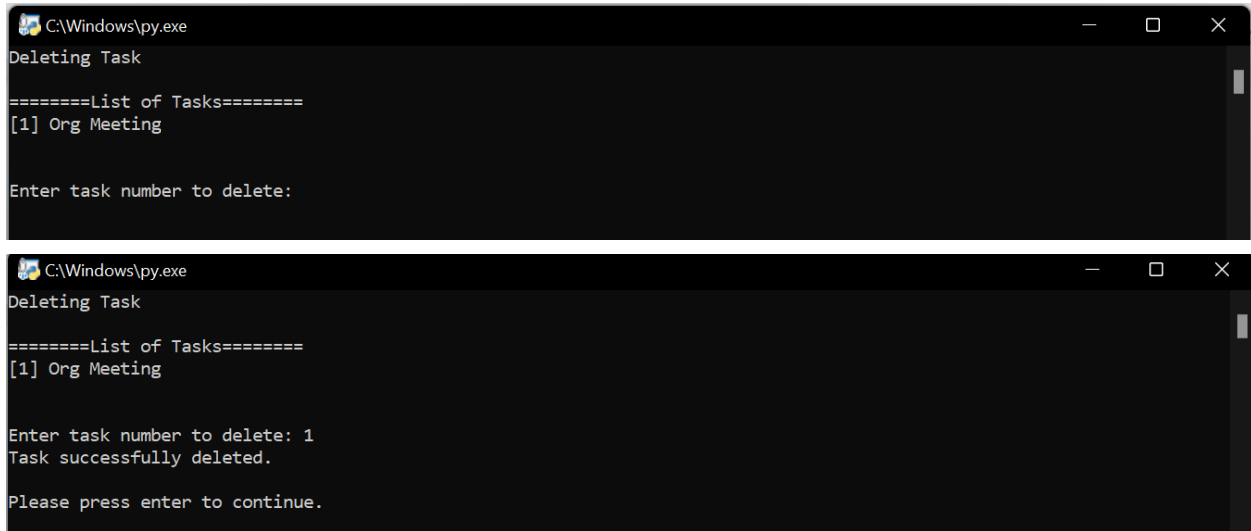
Enter the task number to edit: 1

[1] Edit Title
[2] Edit Description
[3] Edit Deadline Date
[4] Back
Enter choice: 1
Current Title: General Meeting
Enter New Title: Org Meeting

[1] Edit Title
[2] Edit Description
[3] Edit Deadline Date
[4] Back
Enter choice: 4
Please press enter to continue._
```

3. Delete Task

Selecting '3' in the menu would allow the user to delete one of their saved tasks. A numbered list of all the tasks will be shown, from which the user can select which task to delete by entering its corresponding number.



```
C:\Windows\py.exe
Deleting Task

=====List of Tasks=====
[1] Org Meeting

Enter task number to delete:

C:\Windows\py.exe
Deleting Task

=====List of Tasks=====
[1] Org Meeting

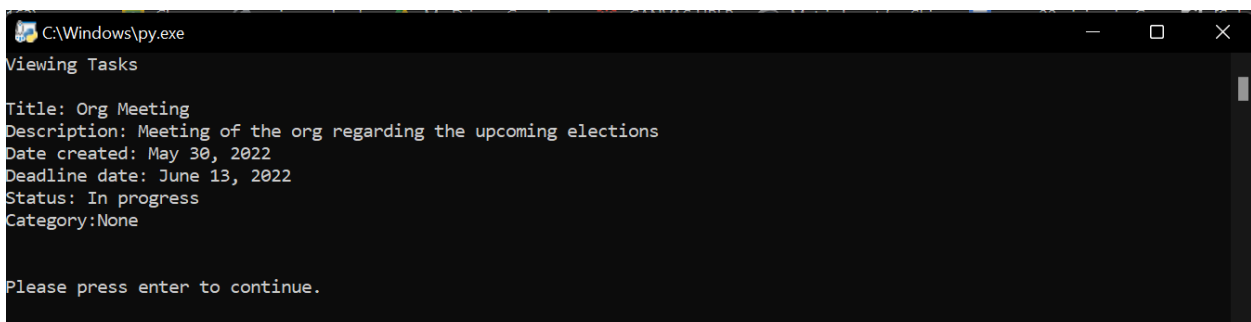
Enter task number to delete: 1
Task successfully deleted.

Please press enter to continue.
```

4. View all Tasks

Selecting '4' in the menu will display all the tasks along with the details indicated below:

- Title - the title of the task
- Description - description of the task
- Date created - creation date of the task
- Deadline date - deadline of the task
- Status - If the task is in progress or done
- Category - category that the task falls under. A task could have none.



```
C:\Windows\py.exe
Viewing Tasks

Title: Org Meeting
Description: Meeting of the org regarding the upcoming elections
Date created: May 30, 2022
Deadline date: June 13, 2022
Status: In progress
Category:None

Please press enter to continue.
```

5. Mark Task as Done

Whenever a task is done, the user can mark the corresponding task by selecting '5'. A numbered list of all the undone tasks will be shown, from which the user can select which task to mark as done by entering its corresponding number. The task will then change its status to mark it as done.



```
C:\Windows\py.exe
Marking task as done

=====List of Tasks=====
[1] Org Meeting

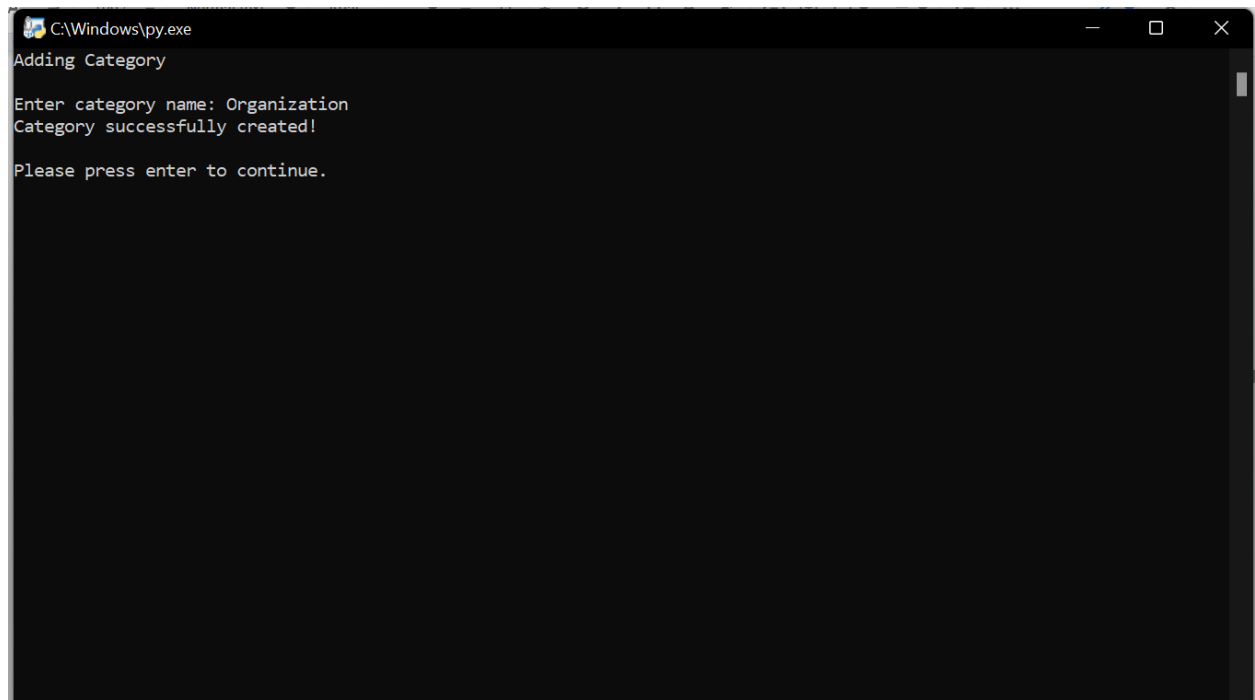
Enter task number to mark as done: 1
Task succesfully updated.

Please press enter to continue._
```

6. Add Category

Selecting '6' will allow the user to create a category. It will also prompt the user to enter a category name.

Note: The user should not enter an existing category name.



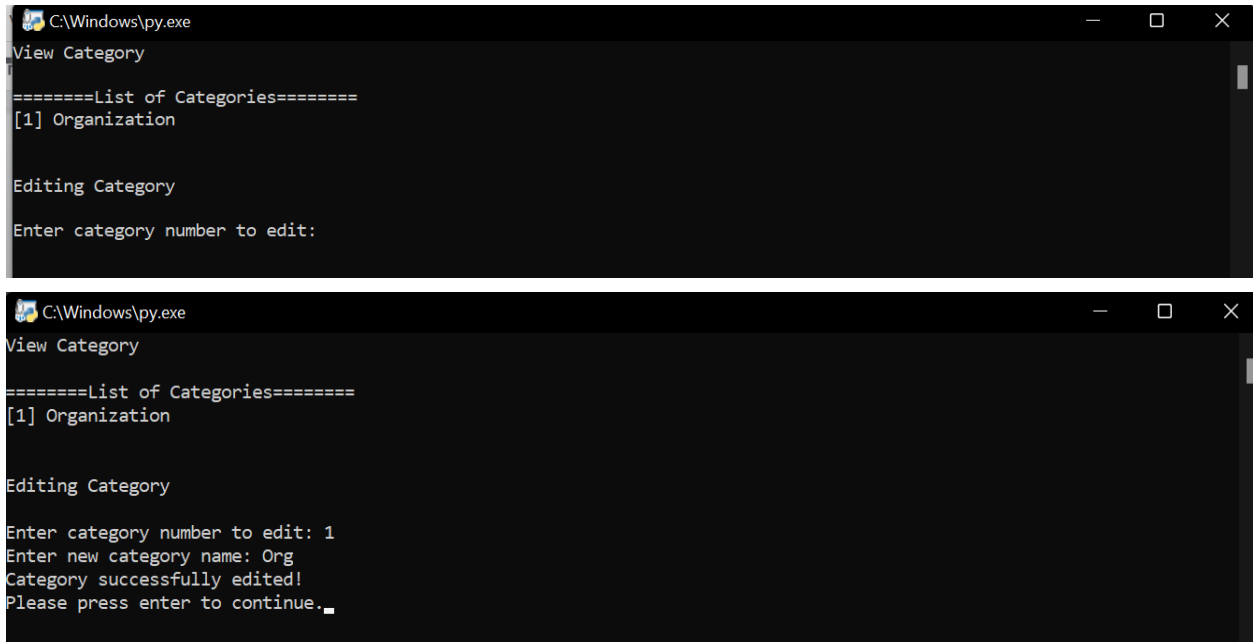
```
C:\Windows\py.exe
Adding Category

Enter category name: Organization
Category successfully created!

Please press enter to continue._
```


7. Edit Category

Selecting '7' in the menu will allow the user to edit a category. A numbered list of all the categories will be shown, from which the user can select which category to edit by entering its corresponding number.



```
C:\Windows\py.exe
View Category

=====List of Categories=====
[1] Organization

Editing Category

Enter category number to edit:

C:\Windows\py.exe
View Category

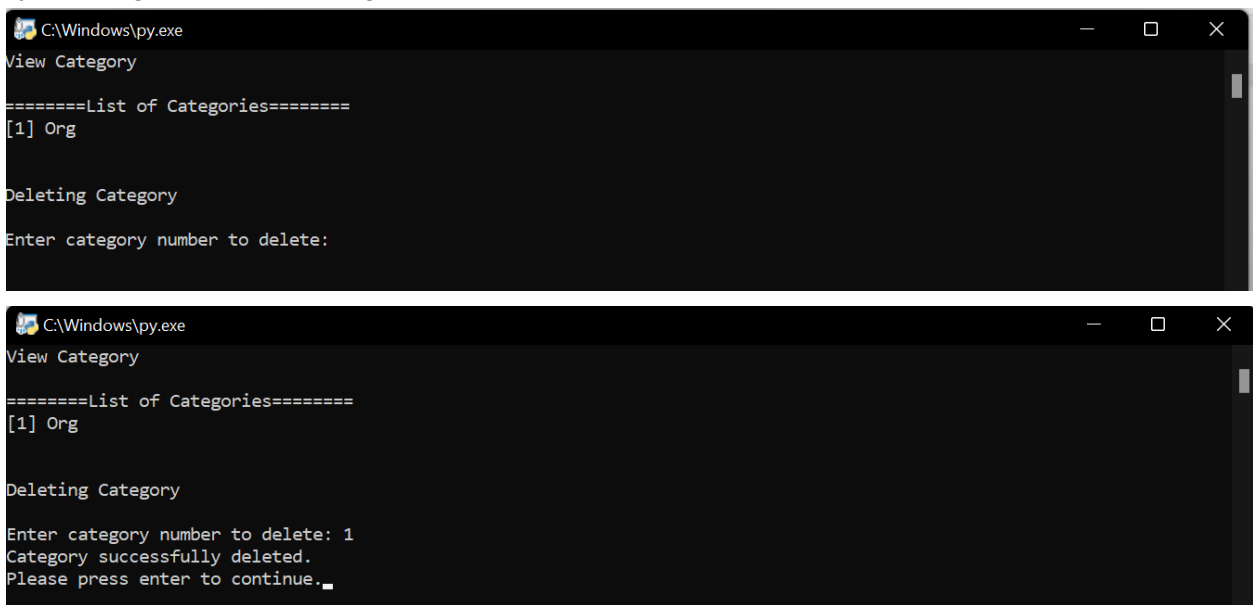
=====List of Categories=====
[1] Organization

Editing Category

Enter category number to edit: 1
Enter new category name: Org
Category successfully edited!
Please press enter to continue._
```

8. Delete Category

Selecting '8' in the menu will allow the user to delete one of their saved categories. A numbered list of all the categories will be shown, from which the user can select which category to delete by entering its corresponding number.



```
C:\Windows\py.exe
View Category

=====List of Categories=====
[1] Org

Deleting Category

Enter category number to delete:

C:\Windows\py.exe
View Category

=====List of Categories=====
[1] Org

Deleting Category

Enter category number to delete: 1
Category successfully deleted.
Please press enter to continue._
```

9. View Category

Selecting '9' will display the names of all the saved categories.

A screenshot of a Windows command prompt window titled "C:\Windows\py.exe". The window shows the "View Category" menu option. The output displays "=====
[1] Org
Please press enter to continue." with a cursor at the end of the line.

10. Add Task to Category

Selecting '10' in the menu would allow the user to assign a task to be under a specific category. The program will display a list of tasks that do not fall under a category as well as a list of categories, from which the user can select a task and category by entering their corresponding number. The chosen task will then be assigned under the chosen category.

A screenshot of a Windows command prompt window titled "C:\Windows\py.exe". The window shows the "Add Task To Category" menu option. The output displays "=====
[1] Org Meeting
Enter task number to add: " with a cursor at the end of the line.A screenshot of a Windows command prompt window titled "C:\Windows\py.exe". The window shows the "View Category" menu option. The output displays "=====
[1] Org
Enter category number: " with a cursor at the end of the line.A screenshot of a Windows command prompt window titled "C:\Windows\py.exe". The window shows the "View Category" menu option. The output displays "=====
[1] Org
Enter category number: 1
Successfully added task to a category!
Please press enter to continue." with a cursor at the end of the line.

11. Exit

Selecting '0' in the menu will exit the user from the program.