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User Manual

Task Manager Application

# Pre requirement

This application is built using Python with Flask and requires the following pre-requisites:

* **Flask (Python):**
  + Ensure Flask is installed on your Python environment. You can install it using **pip install flask**.
* **Python 3.0 or Above:**
  + Make sure you have Python 3.0 or a later version installed.
* **Database Server:**
  + You need a MySQL database server that can import the database and tables from the provided script.
* **Apache Server:**
  + The application is designed to run on a server with Apache. Make sure your server is running Apache.

# Installation and Deployment

1. **Install Flask and Python:**
   * Install Flask using the command: **pip install flask**.
2. **Database Setup:**
   * Import the provided script to set up the necessary database and tables.
3. **Server Configuration:**
   * Configure your Apache server to run the Flask application. Ensure necessary server configurations are set.

# Main Features

**Login**

1. Open the application in your web browser.
2. Enter your username on the login page.

**Logout**

1. Click on the "Logout" button to log out when you finish your tasks.

**Create Task**

1. On the lobby page, click the "Create" button.
2. Fill in the task details:
   * Task Name (string format)
   * Task Description (string format)
   * Task Due Date (date format)
   * Task Status (Not Started, In Progress, Completed)
   * Task Priority (Urgent, High, Normal, Low)

**Edit Task**

1. Click the "Edit" button next to the task you want to modify.
2. Update the necessary task details (Task Name, Task Description, Due Date, Status, Priority).

**Note:** "Created By" remains unchanged.

**Delete Task**

1. Click the "Delete" button next to the task you want to remove.

# Additional improvement features (Continuous Improvement)

**Viewing Tasks:**

* + Tasks can be viewed by order in task name, task priority, and task due date.

**Styling and Reactivity:**

* + The application features a modern styling and a more reactive user interface with an external CSS library.

**Private and Public Tasks:**

* + Tasks can be categorized as private (for specific groups) and public (visible to all users).