**Task Manager CLI Application**

**Project Title: Task Manager CLI Application**

**Description**

The Task Manager CLI Application is a simple command-line tool for managing tasks. Users can add new tasks, view all tasks, delete tasks by ID, mark tasks as complete, and save/load tasks to/from a file (tasks.json). This project is designed to give users a quick and convenient way to manage to-do lists directly from the terminal.

**Expected Deliverables**

* A command-line application for managing tasks (task\_manager.py).
* A README.md file with usage instructions.
* A tasks.json file for saving tasks (automatically created upon saving tasks).

**Instructions on Running the Application**

1. **Clone the Repository** Ensure you are in the desired directory and clone the repository.

bash

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git clone <repository-url>

1. **Navigate to the Project Directory**

bash

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cd task\_manager

1. **Run the Application** Use the following command to start the application:

bash

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python task\_manager.py

**Functionalities Implemented**

1. **Add Task**  
   Allows users to add a new task with a title.
2. **View Tasks**  
   Displays all tasks with their ID, title, and completion status.
3. **Delete Task**  
   Removes a task by its ID.
4. **Complete Task**  
   Marks a specified task as completed.
5. **Save & Load Tasks**
   * **Save**: Stores all current tasks in a tasks.json file.
   * **Load**: Automatically loads tasks from tasks.json on startup (if the file exists).

**Usage Example**

Upon running the application, you’ll see a menu with options:

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Task Manager CLI

1. Add Task

2. View Tasks

3. Delete Task

4. Complete Task

5. Save & Exit

Choose an option:

Choose the corresponding option number to add, view, delete, complete, or save tasks.

This README.md provides all necessary information for a user to understand, run, and utilize the application effectively. Let me know if you'd like further customization!