**Project Overview**

Our task management application is designed to offer users a platform for creating, organizing, updating, and tracking tasks. It caters to both individual users managing personal tasks and teams coordinating on shared projects. The application emphasizes usability, security, and efficiency in handling task-related operations.

**Core Functionalities**

* **User Registration and Management**: Users can sign up with a secure registration process, log in, and manage their accounts. The system ensures data security through validation checks, encrypted passwords, and mechanisms for password reset. It prevents duplicate registrations and supports user profile management.
* **Task Creation and Organization**: Users can add tasks with details such as titles, deadlines, and completion status. The system supports adding multiple tasks and ensures that task lists are immediately updated to reflect any new additions.
* **Task Updating and Deletion**: Users have the flexibility to update the details of existing tasks or delete them as needed. This feature allows for dynamic task management and ensures that the task list remains relevant and up to date.
* **Task Tracking**: The application provides functionalities to mark tasks as completed, view all tasks, and filter tasks based on their completion status. This aids users in prioritizing their work and focusing on tasks that require immediate attention.
* **Task Ordering**: Tasks can be organized alphabetically by title, facilitating easier navigation and retrieval of tasks within the application.
* **Notification:**  System will send reminders for upcoming and overdue task.