K.RAMAKRISHNAN COLLEGE OF TECHNOLOGY
(AUTONOMOUS), TRICHY

DAILY TASKS SCHEDULER

PRESENTED BY :

SUREKA V,

230381171042216 2

SUPERVISOR:

Mr.A.Malarmannan,M.E.,

AP/CSE.

PRESENTATION OVERVIEW

1. Objective
2. Project Introduction
3. Problem Statement
4. Methodologies (Programming concepts relevant to problem statement)
5. Architecture of the proposed system
6. List of Modules
7. Merits
8. Results and Discussion
9. Queries

OBJECTIVE

The Daily Task Scheduler is a console-based tool that helps users manage their daily tasks. It allows adding, viewing, and deleting tasks with descriptions and due times. Users can also mark tasks as completed, promoting better task organization and time management.

PROBLEM INTRODUCTION

Managing daily tasks efficiently is challenging, often leading to missed deadlines and reduced productivity. Existing solutions may lack simplicity or accessibility. This project addresses these gaps by offering a user-friendly, console-based Java application to organize tasks, set due times, and track completions easily.

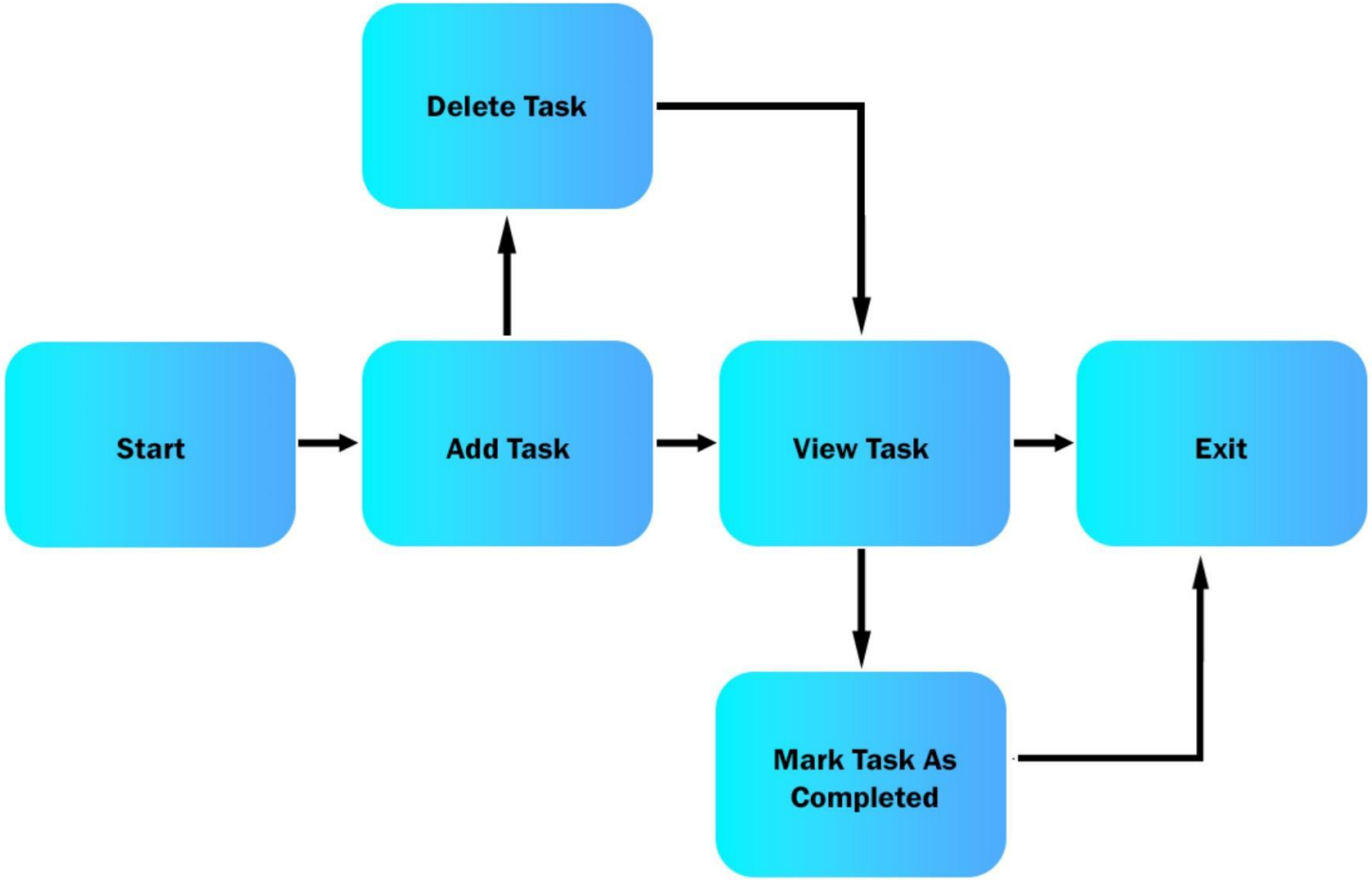
PROBLEM STATEMENT

Managing tasks efficiently can be challenging due to the lack of simple tools. This project develops a console-based Daily Task Scheduler in Java, allowing users to add, view, and track tasks with descriptions, due times, and completion statuses, enhancing productivity and time management.

Methodologies (Programming Concepts Relevant to Problem Statement):

The application uses AWT components like Frame, Label, TextField, and Button with FlowLayout for the GUI. Tasks are managed in an ArrayList using a Task class. ActionListener handles events, LocalTime manages due times, and input validation ensures accuracy, providing a user-friendly task scheduler.

ARCHITECTURE DIAGRAM



MODULES

- **Task Management Module:** Stores and manages task details (description, due time, status).
- **User Interface Module:** Creates the GUI layout with task and button panels.
- **Task Input Module:** Collects task details through input dialogs.
- **Event Handling Module:** Manages user actions like adding, completing, and deleting tasks.
- **Error Handling Module:** Validates inputs and shows error/info messages.

MERITS

❖ User-Friendly Interface: The graphical interface makes task management simple and intuitive.

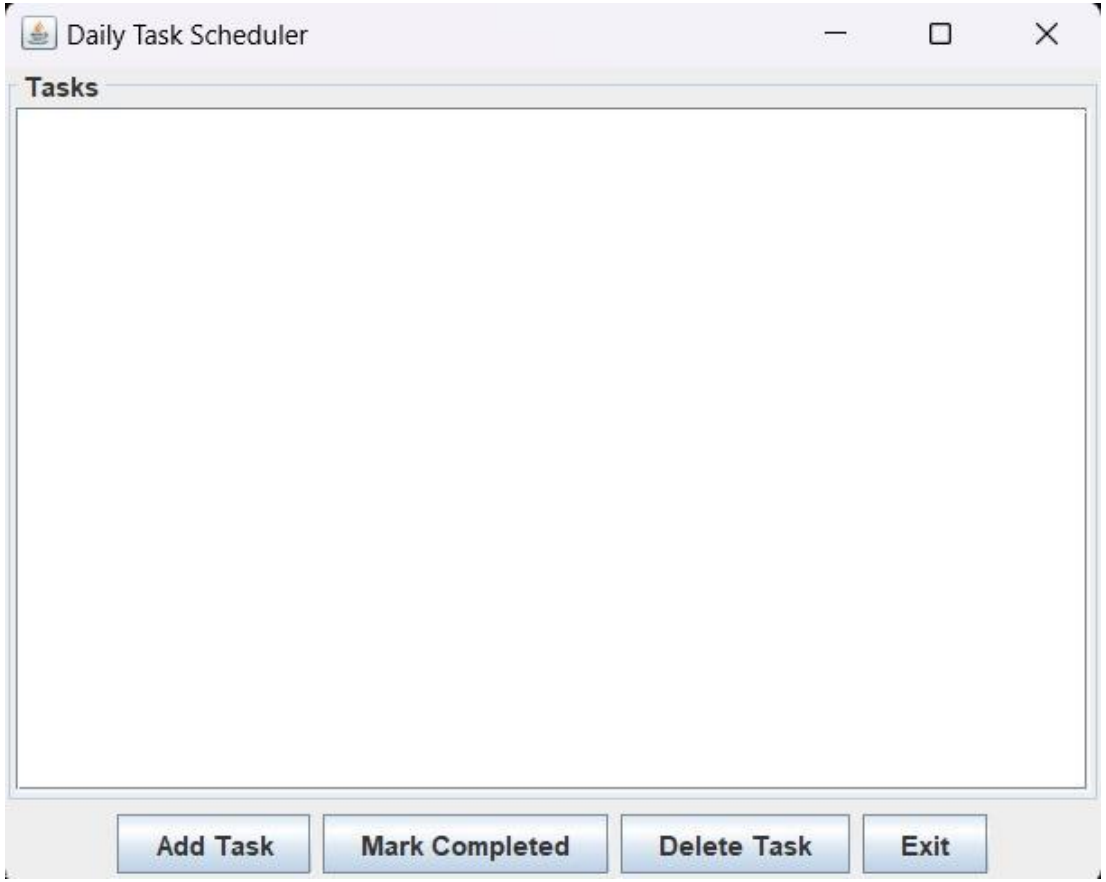
❖ Efficient Task Handling: It enables users to add, complete, and delete tasks easily, improving productivity.

❖ Error Prevention: Built-in error handling ensures smooth user experience by validating inputs and providing informative messages.

❖ Task Organization: Helps users organize tasks with descriptions, due times, and completion status, enhancing time management.

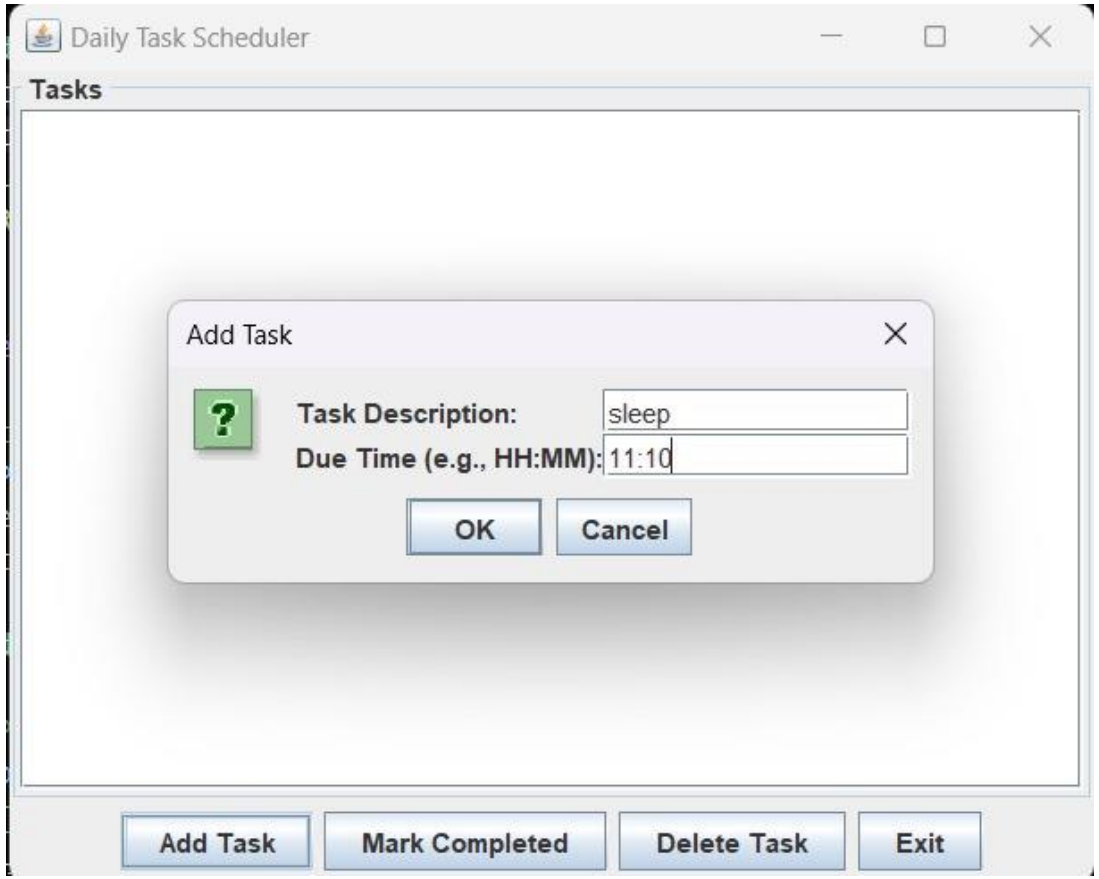
RESULTS AND DISCUSSION

USER INTERFACE MODULE:



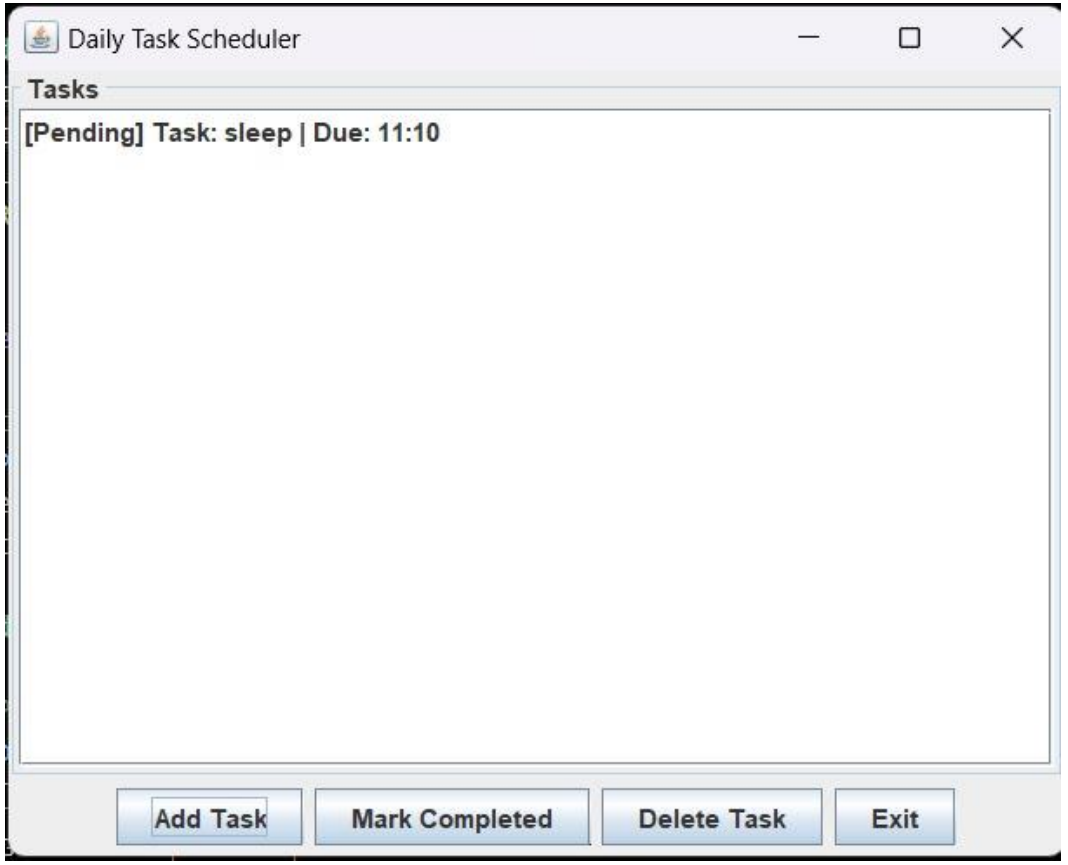
RESULTS AND DISCUSSION

ADDING TASK:



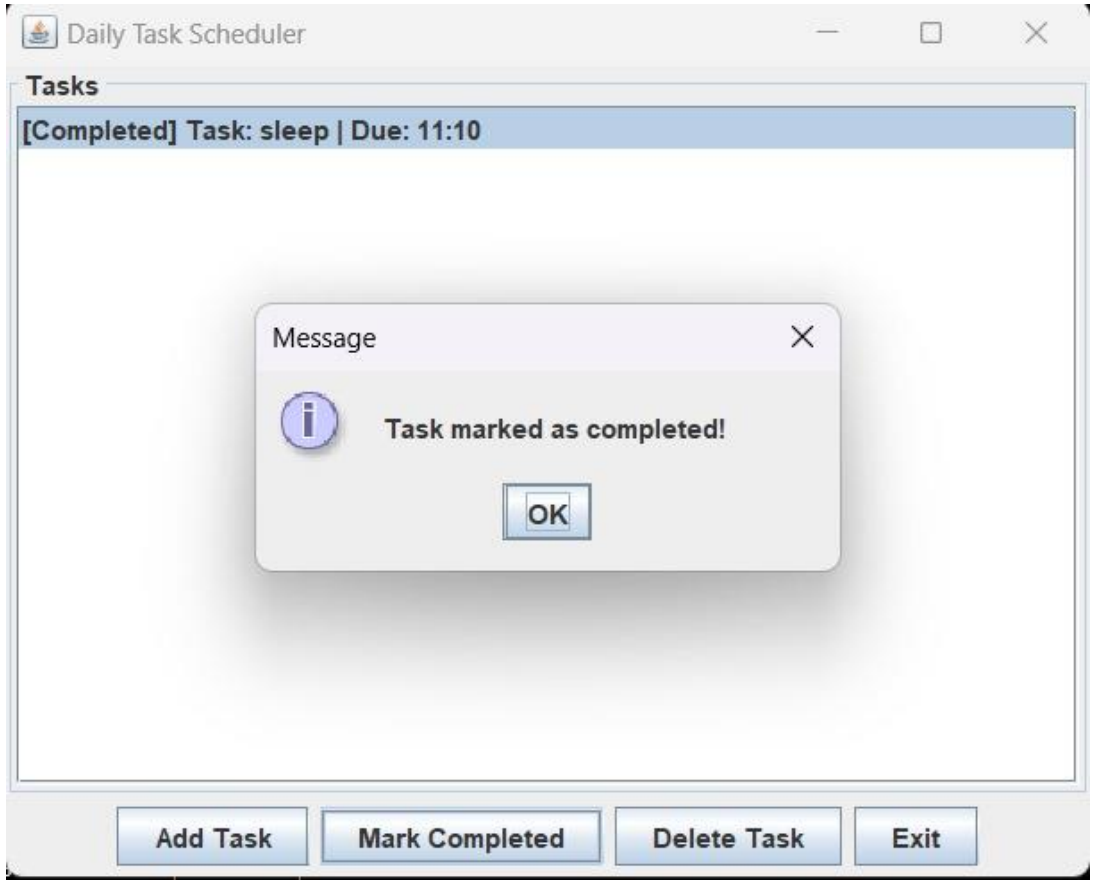
RESULTS AND DISCUSSION

VIEWING TASK:



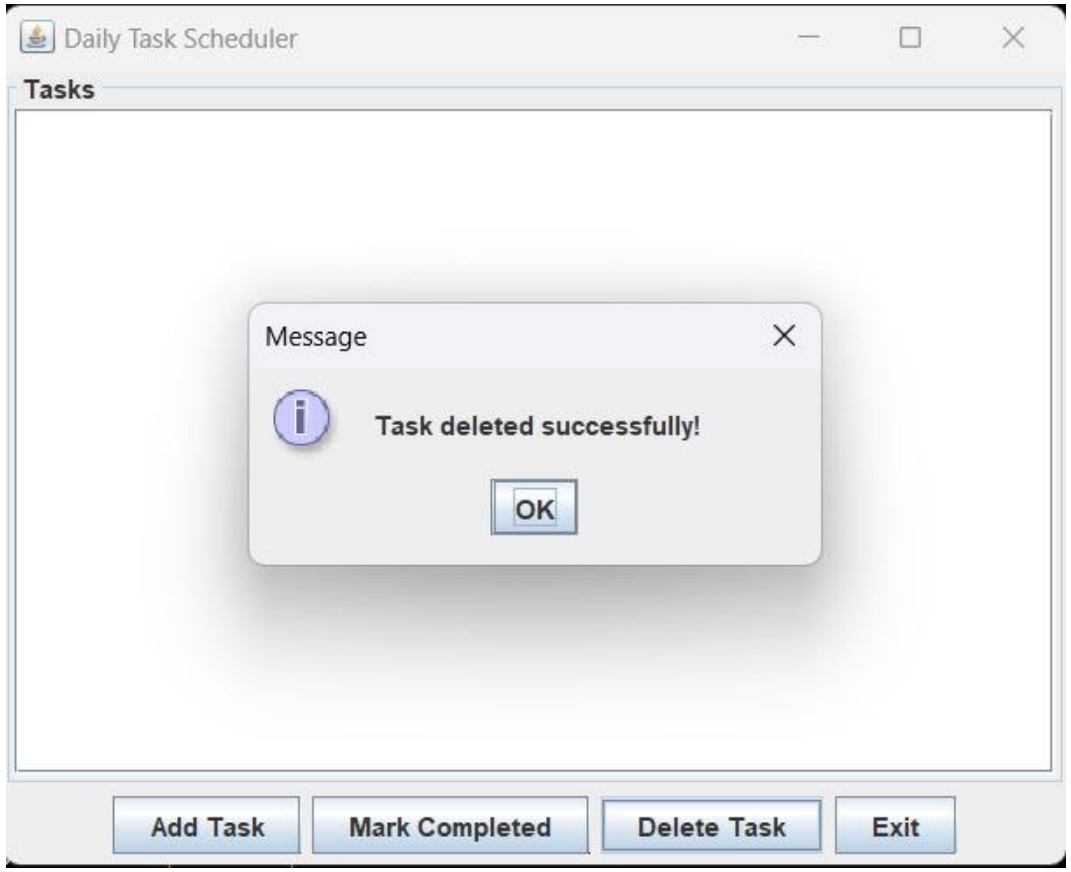
RESULTS AND DISCUSSION

MARK COMPLETED:



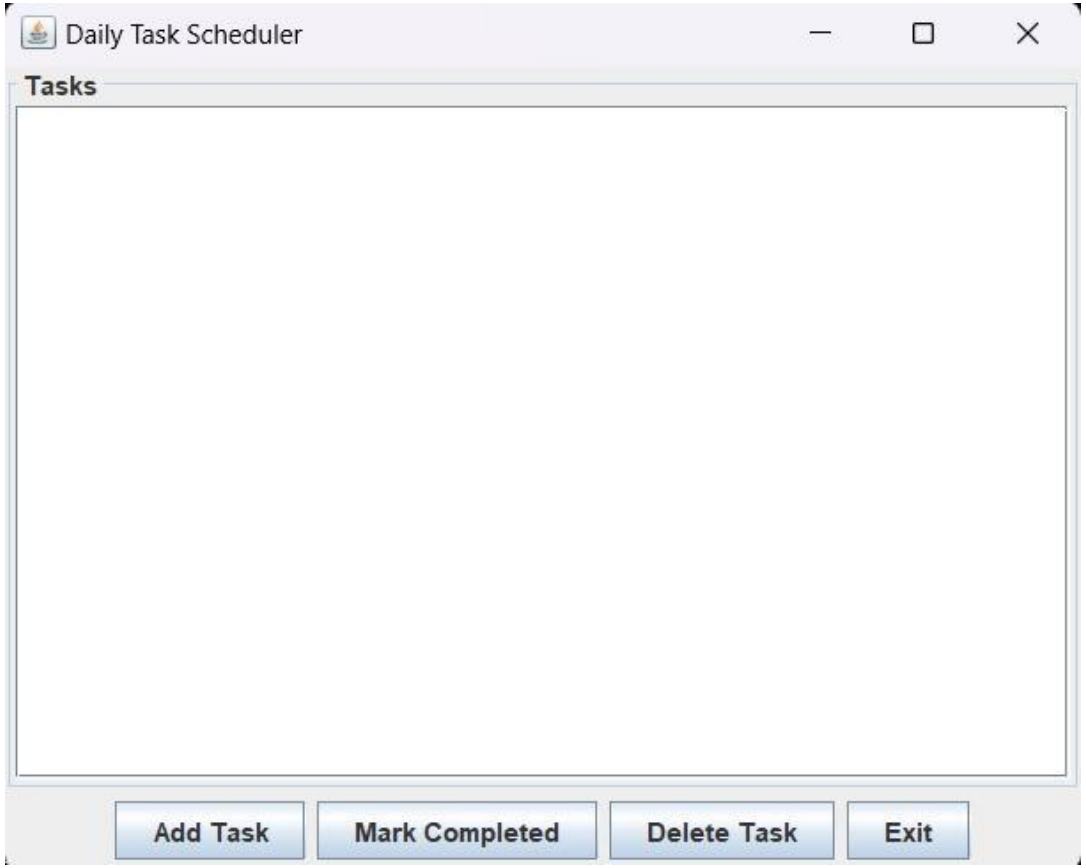
RESULTS AND DISCUSSION

DELETE TASK:



RESULTS AND DISCUSSION

EXIT MODULE:



ANY QUERIES ?

THANK YOU