***TITLE:*** Task Management System

***TEAM MEMBERS:***

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***PROJECT DESCRIPTION:***

The Task Scheduler with Priority Queues project is aimed at creating an efficient task scheduling system using various data structures, including priority queues, stacks, and queues. This project simulates a simplified task scheduling system typically found in operating systems or batch processing applications. It allows users to add, manage, and execute tasks based on their priority.

***KEY FEATURES:***

1. Priority Queue

2. Task Management

3. Task Execution

4. Task Monitoring

5. Task Reminders

***DATA STRUCTURES:***

1. Arrays
2. Sorting
3. Searching
4. Heap
5. Stack
6. Queues
7. Backtracking