

Aggregation Problem Statement: **Personal Task Manager Console App**

Scenario:

You are building a simple **Personal Task Manager** to help users keep track of their daily tasks. This console-based C++ application should allow users to add tasks, view them, update them, and delete them as needed.

Each **Task** will include:

- A unique task **ID** (integer)
- A **title** (short name for the task)
- A **description** (details about the task)
- A **status** (e.g., "Pending", "In Progress", "Completed")

Tasks are stored and managed by a **TaskManager** class, which uses **aggregation** (i.e., it holds pointers to individual **Task** objects, but doesn't own their lifecycle permanently).

Functional Requirements:

The program must support basic **CRUD operations**:

1. **Create Task**

- User provides **id**, **title**, and **description**
- **status** defaults to "Pending"

2. **Read All Tasks**

- Display all tasks with their details

3. **Update Task**

- Modify the title, description, or status by task ID

4. **Delete Task**

- Remove a task by ID
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