📋 Functional Requirements – Personal Task Manager

This document outlines the core functionality of the application. These requirements define what the system **should do** from the user's perspective.

🧑‍💼 User Capabilities

1. **Create Task**

   The user can add a new task by entering:

   - Title (required)

   - Description (optional)

   - Due Date (optional)

   - Priority (Low, Medium, High)

   - Status (default: "To Do")

2. **View Tasks**

   - Tasks are displayed in a list or board grouped by **Status**:

     → *To Do*, *In Progress*, *Done*

3. **Edit Task**

   - User can modify title, description, due date, and priority of any task

4. **Delete Task**

   - User can remove a task from the list permanently

5. **Mark as Completed**

   - Tasks can be moved to "Done" status

6. **Filter & Search** *(Optional MVP)*

   - Search tasks by keyword

   - Filter by priority or status

📱 UI Requirements

- The app must be responsive (mobile/tablet/desktop)

- Basic CSS styling or Angular Material components

- Separate views for:

  - Task list

  - Task form (add/edit)

💾 Data Storage

- Tasks will be stored in **LocalStorage** for now (no backend)

- Optional future upgrade: Firebase or REST API

🧪 Validation Rules

- Title is required and cannot be empty
- Due date (if entered) must be today or in the future
- Prevent saving empty tasks