**Software Requirements Specification (SRS)**

**Project: AI Generated Project**

Prepared By: Your Company Name  
Version: 1.0  
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**1. Introduction**

**1.1 Purpose**

This document outlines the functional and non-functional requirements for the AI Generated Project system. The primary purpose of this project is to help users manage tasks efficiently.

**1.2 Scope**

The AI Generated Project system will provide functionalities for:

* Task Management
* Personal Task Management
* Work Tasks
* Assignments

**1.3 Intended Audience**

This document is intended for the following stakeholders:

* students
* professionals
* general users
* Project Managers
* Developers
* QA/Testers

**2. System Overview**

A simple and intuitive to-do list app designed to help users manage tasks efficiently.

The system will consist of the following primary functional areas:

* Task Management
* Task Scheduling
* Task Categorization
* Deadline Reminders

**3. Functional Requirements**

**3.1 Task Management [FR-01]**

**Description:** Users should be able to create, edit, and delete tasks.

**Priority:** High

**Stakeholders:** End Users

**Acceptance Criteria:** As a user, I can add a new task with a title and optional description.

* As a user, I can modify an existing task's title and description.
* As a user, I can delete a task from the list.

**Related Requirements:** []

**Dependencies:** []

**3.2 Task Scheduling [FR-1]**

**Description:** Users can assign due dates and set reminders for tasks.

**Priority:** High

**Type:** Functional

**Acceptance Criteria:** Users should be able to input a due date for a task in a date format (e.g., YYYY-MM-DD).

* Users should be able to set a reminder for a task, specifying the time and date.
* The app should display a clear notification to the user when a task is due or a reminder is triggered.
* Users should be able to view a list of upcoming tasks, sorted by due date.

**Dependencies:** []

**3.3 Task Categorization [FR-1]**

**Description:** Users should be able to assign categories or tags to individual tasks for better organization and filtering.

**Priority:** High

**Acceptance Criteria:** Users can create new categories/tags.

* Users can assign multiple categories/tags to a single task.
* Users can view tasks filtered by specific categories/tags.
* The application should allow users to search for tasks by category/tag.

**Stakeholders:** End-users

* Project Manager

**Related Requirements:** []

**3.4 Deadline Reminders [FR-3]**

**Description:** The app should notify users of upcoming deadlines.

**Priority:** High

**Type:** Functional

**Acceptance Criteria:** The app should provide a configurable reminder time (e.g., 1 hour, 1 day, 1 week) before the deadline.

* Reminders should be delivered through a notification system (e.g., push notifications, in-app alerts).
* Users should be able to customize reminder settings for individual tasks.
* The app should handle cases where the device is offline or notifications are disabled.
* Users should have the option to snooze or dismiss reminders.
* The reminder should clearly display the task name and deadline.

**Dependencies:** []

**4. Non-Functional Requirements**

|  |  |
| --- | --- |
| **ID** | **Description** |
| NFR1 | The application should be responsive and mobile-friendly. |
| NFR2 | Tasks should sync across devices using cloud storage. |
| NFR3 | The system should support at least 10,000 users simultaneously. |