

System Requirements Specification (SRS)

Ticktrak App

Version: 1.0

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I. Introduction

A. Purpose

The Ticktrak App is a task-tracking platform designed to help users manage their tasks and track progress. The main objective of this is to enable users to create, view, update, delete and complete tasks while retain the view of their task progress.

B. Scope

This Application includes:

- Welcome/Landing Page
- User Authentication (Login/Register)
- Dashboard View
- Side and Top Navigation Menu
- User Profile/Settings

II. User Role and Permissions

A. User – Create, View, Update and Delete

B. Admin – Manage All the users.

III. Functional Requirements

A. User Authentication

1. Register and Login

B. User Profile/Setting

1. Add Profile Picture
2. Update Information
3. Change Password
4. Delete Account

IV. Non-Functional Requirements

A. Security: Password hashing

B. Performance: Response should be 500ms minimum

C. Validation: Proper input sanitation and error message

V. Database Schema (Tables)

A. Table: Users

1. id – Primary Key
2. name – String | max:255
3. profile – String | Null
4. email – String | Email | Unique
5. password – String | Hash

VI. User Interface

A. Top Navbar

1. Search Function
2. Dark/Light Mode
3. Profile (Name and Email)

B. Side Navbar

1. Application Logo
2. Menu (placeholder)
 - a. Dashboard
 - b. My Task
3. Others (placeholder)
 - a. Setting
 - b. Logout

VII. Styling Guidelines

A. Icons

1. [Hero Icons](#)
2. [Untitledui.com/free-icons](https://untitledui.com/free-icons)

B. Tailwind CSS (UI)

1. [Tailwind.com](https://tailwindcss.com)
2. [Flowbite.com](https://flowbite.com)

C. Graphs

1. [Apexcharts.com](https://apexcharts.com)