

# **System Requirements Specification (SRS)**

Ticktrak App

**Version:** 1.1

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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 the users to create, view, update, delete and complete tasks while retain the view of their progress.

### **B. Scope**

This Application includes:

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

## **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

- Default View: Shows only Icons (Menu and Others)
  - Toggled View: Shows both Icons and label for each items in the side panel
1. Application Logo
  2. Menu (placeholder)
    - a. Dashboard
    - b. My Task
  3. Others (placeholder)
    - a. Setting
    - b. Logout

## Change Logs:

### 1. v.1.1

Add Collapsible sidebar to maximize the space of the content of the main page.

- Default: showing sidebar icons only.
- Toggled: shows both icons and label.