

# Smart Task Tracker Web Application Documentation

## Introduction

The Smart Task Tracker web app is designed for individuals and teams for managing their tasks and projects. It provides users to login securely via mobile/email OTP verification, view task overviews on a dashboard with calendar integration, and do operations on task like create, assign and tracking. It also has feature of raising and managing issues related to tasks, user management for assigning tasks to team members, and secure logout. It provides facility for better collaboration and productivity through clear task tracking and issue resolution.

## Modules

### 1.Authentication Module

OTP-based login via mobile number or email

User details

### 2.Dashboard Module

Overview of tasks and performance

Interactive calendar showing daily, weekly, monthly tasks

Task addition by clicking on calendar dates

### 3.Task Management

Create, read, update, delete tasks

Assign tasks individually or to teams

Task status and priority management

### 4.Issue Management

Raise issues related to tasks

Options to resolve or ignore issues

Track issue status

### 5.User Management

Add, update, and remove team members

Assign roles and permissions for task assignments

### 6.Notification & Reminder

Task assign and Deadline

## **6. Logout**

Secure session termination

### **Functional Requirements**

Login/signup: using OTP sent to mobile/email

Add tasks: Create task or by clicking on calendar dates with title, description, deadline and priority

Assign task: Individual/group.

Track progress: pending, ongoing, completed

Notification: Reminder for deadline

Logout securely to end user sessions

### **Technology Stack**

Frontend: HTML, CSS

Backend: Java (JSP/servlet)

Database: MySQL

Server: Apache Tomcat

### **User Interface**

Login Screen

Dashboard

Calendar

Task

Issue

User management

Logout