

# Project Scope Document for Task Management App

## Introduction:

The purpose of this document is to outline the scope of the Task Management App project. The Task Management App is designed to help users manage their individual and team projects by providing a simple and intuitive interface for creating and managing tasks, setting deadlines, and tracking progress.

## Project Objectives:

The objectives of the Task Management App project are to:

1. Provide a tool for users to manage their tasks and projects efficiently.
2. Create a simple and intuitive user interface that is easy to navigate.
3. Provide collaboration features for team projects.
4. Implement reminders and notifications to help users stay on top of their tasks and deadlines.
5. Allow users to track time spent on tasks for better time management.
6. Provide a data export feature for users to export project data to other formats.

## Project Deliverables:

The deliverables for the Task Management App project include:

1. A fully functional web-based application that meets the technical and design requirements outlined in the project documentation.
2. A comprehensive user manual that outlines how to use the app, including how to create and manage projects and tasks, collaborate with team members, and export project data.
3. Source code and documentation for future maintenance and upgrades.

## Project Constraints:

The following constraints must be considered when developing the Task Management App:

1. Budget: The development budget for the app is \$100,000.
2. Timeline: The app must be developed and delivered within 6 months from the start date of the project.
3. Technical Requirements: The app must be developed using React, Express JS, TypeScript, and Sequelize-Typescript.

4. Design Elements: The app must follow the design elements outlined in the project documentation.
5. Compatibility: The app must be compatible with modern web browsers and mobile devices.
6. Security: The app must use secure authentication and authorization methods to protect user data.

#### Project Assumptions:

The following assumptions are made when developing the Task Management App:

1. Users will have basic computer and internet skills.
2. Users will have access to a modern web browser and internet connection.
3. Users will be responsible for managing their own tasks and projects within the app.

#### Conclusion:

The Task Management App project will provide users with an efficient and user-friendly tool for managing tasks and projects. The project scope includes developing a web-based application that meets technical and design requirements, providing a user manual, and delivering source code and documentation. The project constraints include budget, timeline, technical requirements, design elements, compatibility, and security. The project assumptions include users' basic computer and internet skills, access to modern web browsers and internet connection, and responsibility for managing their own tasks and projects within the app.