

Resource Plan Document for Task Management App

Introduction:

The purpose of this document is to outline the resources required for the development of the Task Management App. These resources include human resources, software, hardware, and other resources necessary for the successful completion of the project.

Human Resources:

The development team for the Task Management App will consist of the following:

1. Project Manager - responsible for managing the project and overseeing the development team.
2. Front-end Developer - responsible for developing the user interface using React and TypeScript.
3. Back-end Developer - responsible for developing the server-side using Express JS and Sequelize-Typescript.
4. Database Administrator - responsible for managing the database and ensuring data security.

Software Resources:

The following software resources will be required for the development of the Task Management App:

1. React - for developing the user interface.
2. Express JS - for developing the server-side application.
3. TypeScript - for writing type-safe code.
4. Sequelize-Typescript - for interacting with the database.
5. Git - for version control.
6. IDE - Integrated Development Environment such as Visual Studio Code.

Hardware Resources:

The following hardware resources will be required for the development of the Task Management App:

1. Laptops or Desktop Computers with at least 16GB RAM and a modern processor for the development team.
2. High-speed internet connection for the development team to access remote resources.

Other Resources:

The following additional resources will be required for the development of the Task Management App:

1. Cloud Hosting Services such as AWS or Azure for hosting the application.
2. Third-party libraries for UI components and data visualization.

Conclusion:

The Task Management App requires a dedicated development team consisting of a project manager, front-end developer, back-end developer, and database administrator. Software resources required for the development include React, Express JS, TypeScript, Sequelize-Typescript, Git, and IDE. Hardware resources required include laptops or desktop computers with at least 16GB RAM and a high-speed internet connection. Additional resources include cloud hosting services and third-party libraries for UI components and data visualization. These resources are essential for the successful completion of the project within the given timeline and budget.