

SRS DOCUMENT FOR TO DO LIST

24 January 2024 14:37

A Software Requirements Specification (SRS) document for a To-Do List application outlines the functional and non-functional requirements, constraints, and features of the software. Below is a simplified template for an SRS for a To-Do List application:

1. Introduction

1.1 Purpose

The purpose of this document is to specify the requirements of the To-Do List application, outlining the functionalities and constraints to guide the development team.

1.2 Scope

The To-Do List application is designed to assist users in managing tasks, setting priorities, and organizing their daily activities. It will be a web-based application accessible from various devices.

2. System Description

2.1 System Overview

The To-Do List application will provide users with the ability to create, edit, prioritize, and delete tasks. It will include features such as task categorization, due dates, and user authentication.

2.2 Users

The primary users of the To-Do List application will be individuals seeking an organized way to manage their tasks and responsibilities.

3. Functional Requirements

3.1 User Authentication

1. The system shall support user registration.
2. Users shall be able to log in securely using unique credentials.

3.2 Task Management

1. Users shall be able to create a new task.
2. Tasks shall have a title, description, priority level, due date, and status.
3. Users shall be able to edit and delete tasks.
4. Tasks shall be sortable and filterable based on priority, due date, and status.

3.3 Categories

1. Users shall be able to categorize tasks into different categories.
2. Each category shall have a name and description.

3.4 Notifications

1. The system shall provide reminders for upcoming task due dates.
2. Users shall receive notifications for completed tasks.

3.5 User Interface

1. The user interface shall be intuitive, responsive, and user-friendly.
2. Users shall be able to customize the look and feel of the application.

4. Non-functional Requirements

4.1 Performance

1. The application shall respond to user interactions within 2 seconds.
2. The system shall support a minimum of 1000 simultaneous users.

4.2 Security

1. User authentication and data transmission shall be encrypted.
2. The system shall implement proper access controls to ensure data privacy.

4.3 Reliability

1. The application shall have a backup and recovery mechanism.
2. The system shall have an uptime of at least 99%.

5. Constraints

1. The To-Do List application shall be developed using [specific technology or framework].
2. The application shall be compatible with major web browsers (Chrome, Firefox, Safari).

6. Conclusion

This Software Requirements Specification outlines the functional and non-functional requirements for the To-Do List application. It serves as a guide for the development team to create a robust and user-friendly application that meets user needs and expectations.

Note: This is a basic template, and depending on the specific needs of your To-Do List application, you may need to include additional details and specifications.