Software Requirements Specification for NoteBit

Preface
This is the software requirement specification (SRS) document for the NoteBit web based application. This document mainly focuses on listing and prioritizing all the requirements of the application. This document is intended to establish an agreement between the project personnel and customer.

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1. Introduction

The following subsections of the Software Requirements Specifications (SRS) document should provide an overview of the entire SRS, with context, Scope and summary of the document. The aim of this document is to gather and analyze in depth insight of the NoteBit.

a. Context

The succeeding document provides a detailed overview of the NoteBit, its parameters , and goals. This will be addressing various aspects such as workflow, functional requirements, interface requirements, performance requirements and Non-functional Requirements etc. This SRS document is intended for the development and design team.

b. Problem Specification

The problem specification in this document is that the current system is facing an unorganized schedule, non-serious routine. To tackle such problems and come forward with better solutions which will eventually help to make an organized schedule for the users, make them better at managing time and a Serious Routine It illustrates all the needs and wants of the stakeholders.

c. Scope of the document

This system allows the customer to add, or remove the notes from their dashboard. They can add text to the notes which will help in optimizing your workflow.

d. Overview

The purpose of the document pertains to gathering and analyzing all types of ideas that have come up to build up and define the system, plus all of its requirements with respect to consumers. The purpose of this srs document is to provide a detailed description of our software product , iits parameters and goals.

2. General Description

a. Workflow

The system is a Note Taking application. This system will be designed to meet all the note taking needs of all types of groups of people, by providing tools like adding notes to the dashboard, removing, editing and a login feature which helps in authenticating. Adding the note will be done manually. The system will facilitate a productive workflow.

b. Use-cases/ User Scenarios

There will be mainly two users for this software, one the customers who will be interacting with the website or the application. It will be pretty convenient for them to use the website or the application. They would be able to add any note of their choice.

Second one is the developers, who will be editing and optimizing the workflow and making the GUI more interactive and friendly.

Overall description of the software product

NoteBit website based note taking application is an outstanding way of bringing all groups of people together on an online platform to enhance their productivity by managing their daily routine, tracking their habits and taking a note of important things in an elegant manner.

3. Functional Requirements

This section contains the requirements for the note taking platform. The various functional requirements for our product are as follows: Provide note adding facility, editing the note, removing the notes, managing the time stamp to keep an eye on the date of the created note on the website, login page, providing a way to secure your personal data.

4.Interface Requirements

The interface requirements included in our product are as follows: User interface, Home page user interface containing notes added/to be added by the user, login interface for user, customer login interface.

5. Performance Requirements

The product shall be based on the web and has to be run from a web server. The product shall take initial load time depending on internet connection strength which also depends on the note from which the product will run. Hardware component of the client/customer shall play a role in the performance.

6. Design Constraints

Design constraints are the limitations to the design. These include imposed limitations that you don't control and limitations that are self-imposed as a way to improve a design. The user interface shall be implemented using any tool or software package like EJB, MS front page etc. Enterprise JavaBeans on languages such as JavaScript, HTML5, CSS,ReactJS, NodeJS. The GUI should emulate Microsoft’s GUI standards.

7. Non-functional Requirements

a. Measures

Various measures of non-functional requirements are as follows: Performance, Security (Data Transfer, Data Storage), Reliability, Safety. Maintainability, portability,

supportability. Usability, scalability, recoverability, manageability, serviceability, availability.

8. Schedule & Budget Estimates

The tentative schedule is as follows:
Overall 26 weeks are distributed as -

1. One for the Pre development discussion.
2. Seventeen weeks for the development
3. Six Weeks for Testing and Evaluation and installation
4. Two week for training.

Budget Estimates: 3,00,000 - 4, 00,000/-
70% payment will be made after successful completion and 20% after the proper testing and meeting all requirements.