SRS DOCUMENT OF PROJECT

Project Name : Project Management System

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Introduction

The introduction of the Software Requirements Specification (SRS) provides an overview of the entire SRS with purpose, scope, definitions, acronyms, abbreviations, references and an overview of the SRS. The aim of this document is to gather and analyze and give an in-depth insight into the complete Project Management System by defining the problem statement in detail. Nevertheless, it also concentrates on the capabilities required by users and their needs while defining high-level product features. The detailed requirements of the Project Management System are provided in this document.

Purpose

The purpose of the document is to collect and analyze all assorted ideas that have come up to define the system, its requirements with respect to consumers. Also, we shall predict and sort out how we hope this product will be used in order to gain a better understanding of the project, outline concepts that may be developed later, and document ideas that are being considered but may be discarded as the product develops. In short, the purpose of this SRS document is to provide a detailed overview of our software product, its parameters, and goals. This document describes the project's target audience and its user interface, hardware and software requirements. It defines how our team, and audience see the product and its functionality. Nonetheless, it helps any designer and developer to assist in software development lifecycle (SDLC) processes.

Scope

Primarily, the scope of product Project Management System is to help and manage the project of the company or team in the best ways. This SRS is also aimed at specifying requirements of software to be developed and fulfill the basics and provide some additional features in the software. The standard can be used to create software requirements specifications directly or can be used as a model for defining an organization or project specific standard.

Overall Description

This document contains the problem statement that the company is facing an issue regarding managing the project which is hampering the growth opportunities of the company. It illustrates the needs and wants of the users that were identified in the brainstorming exercise as part of the requirements specification analysis did by us. It further lists and briefly describes the features and a brief description of the system. It provides the detailed product functions of Project Management System with user characteristics permitted constraints, assumptions and dependencies and requirements subsets.

Requirements

By developing this system we are trying to take the project of the user. The basic requirement is that this software is able to handle multiple projects created by users and that particular project's problem. Then problems can be moved from one section to another section. This system is also able to generate the reports of the project.

How is the current system going on ?

Dealing with problems -

To deal with problems that arose in the system the user took the help of paper and pen. The testing team tell the problem to the developer team and they solve that problem one by one.

Dealing with keeping the records of project -

The user maintains the excel sheet to store the information of projects done by them. User store name of the project, description of the project and date when project started in the excel sheet.

Generating reports -

As said before, the user is using pen and paper to manage the task. With pen and paper they are unable to generate reports.

Functional roles of software

Functional role 1 – System's Pages

Home - which denotes the dashboard of project

Project- which display the information about the project related to that user

Report- which give some report related to project selected and added by that user

Help- which gives the answer to frequently asked questions.

Functional role 2 – Dealing with Unregistered Users

When an unregistered user tries to access the system's main pages, the system restricts the user from accessing the system's main pages and redirects the page to the signup page. Once a user is done with sign up then the system allows the user to access the system's main pages and then from the signup page, the system redirects to the home page. Then the user can access any page as mentioned in the system's page function.

Functional role 3 – Dealing with Registered Users

When a registered user tries to access the system's main pages, we restrict users from accessing the system's main pages and redirect the page to the login page. Once a user is done with login then the system allows the user to access the system's main pages and then from the signup page, we redirect to the homepage of the system. Then the user can access any page as mentioned in the system's page function.

Functional role 4 – Features of system

Functional role 4.1 – Display username on the right side of welcome

System displays the name of the user on the right of welcome to welcome the user. First system identifies which user is logged in now and then fetches the username from the database and displays it.

Functional role 4.2 – Providing logout button

Once you login then the system shows the log out button on the top right side of the page to exit the system.

Functional role 4.3 – Functional role of home page

As mentioned in above functional role 1 home page displays the problem related to selected projects which are added by the user.

Functional role 4.3.1 – How to add new problem

Suppose a new problem is raised in the project and you want to add that problem in the dashboard then simply click on plus button which is on the right side of the do-it section. Then the modal will open, and you have to enter your problem and click on save button. Once the problem is saved you will get alert and the problem added by the user is visible in the do-it section.

Functional role 4.3.2 – How to move problem

To move content from one section to another section then drag that problem and drop to another section. Now if you reload the page that content will be there in a new section.

Functional role 4.3.4 - What that count indicates ?

The count indicates how many problems are present in that section. It helps to better understand the user. By this feature the user does not need to make a count of problems related to a particular section and also in the project.

Functional role 4.3.4 - How to see the dashboard of another project ?

We have provided an input box that provides you with details which indicate the project name added by the user. Now from that list select the project name and click on the search button. Now you can see the dashboard of that particular project.

Functional role 4.4 – Functional role of project page

As mentioned in above functional role 1 project page denotes which display the information about the project related and added by user.

Functional role 4.4.1 - How to add another project ?

If a user wants to add a new project then click on the plus button on the top right side of the page to add the new project in the system.

Functional role 4.4.2 - How to see information of a particular project ?

If a user wants to see the information about a particular project then click on the I button which aligns in the same table row. After clicking on the I button , the user is able to see the detailed information about that project.

Functional role 4.5 – Functional role of report page

As mentioned in above functional role 1 report page gives some report related to the project selected and added by that user. These reports are system generated and 99% accurate. By generating reports from this page, the user can plan his strategy to complete the project as early as possible by solving all errors that occurred in the project.

Functional role 4.5.1 - How to generate reports ?

For generating reports users have to click on the project name button. Then the user will see the reports which are generated by the system.

Functional role 4.5.2 - What that half or full filled bar says ?

The half or full filled bar indicates how much project is completed which is selected by that user. By seeing that bar user can easily understand how much work is pending about that project.

Functional role 4.5.3 - What does that number mean which are appearing after Do it, In progress, Verify and Done ?

The number is indicating how much content is present for that section about that particular project and user.

Functional role 4.6 – Functional role of help page

As mentioned in above functional role 1 help page gives the answer of frequently asked questions.

Functional role 4.6.1 - How to see answer of question?

If the user wants to see the answer of a particular section then click on the drop down button that aligns in the same row.

Functional role 4.6.2 - How to ask a new question ?

If you have some new questions which do not appear in the question section then click on plus button on the top right side of the page to ask the new questions about the system.

Non-Functional Requirement

Non-Functional role 1 – Interface

Usability The interface should be simple and yet can easily be navigated even by inexperienced users.

Non-Functional role 2 – Performance

The system shall require no more than 20 seconds to retrieve and to respond to a client's request. However, in case of operations that may take longer than the specified period, users shall be notified in advance accordingly.

Non-Functional role 3 – Security

The system must ensure that only authorized people can view or update records strictly based on the functional requirements.

Hardware

We are proposing a web (browser based) application for escalated requirements. It is not only made for desktop and laptop users but also for the mobile users where anyone can use this software in a smooth way with no feature compromise. It is not only made for desktop and laptop users but also for the mobile users where anyone can use this software flexibly.