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- ① develop a problem statement
 - ② develop a complete IEEE standard
 - ③ SRS Document with general requirements
- ① Introduction
 - ② Purpose of the document
 - ③ scope of document
 - ④ Overview

- ② General description
- ③ Functional Requirements
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- ⑤ Performance Requirements
- ⑥ Design constraints
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- ⑧ Preliminary schedule and Budget

Our product will provide you with the necessary tools to manage a workflow in a financially stable manner.

② General description:

The user who wishes for a product that will help them manage their hotel and we can provide it to them using various software tools.

③ Functional Requirements:

① Finance Tracker.

② ~~Good~~ A online website that helps in online reservation for hotel rooms.

③ ~~Good~~ A advertisement strategy.

④ Interface Requirements:

We use various API calls (get, post) in order to communicate between various parts of our software.

⑤ Performance Requirements:

~~Our~~ Our software system can easily handle a mid to high load.

time will be taken.

② Pass code Automation System

Problem: Create a system to automate pass code verification using ~~from~~ AI. Artificial Intelligence.
SRS Document

① Introduction

①.1 Purpose of this document.

Automating the pass code system is efficient and it can save a lot of ^{can} time for your workers. It also provide a much faster and smoother experience.

①.2 Scope of this document,

Main objective of document is to explain how our use of A.I is going to make pass code ~~at~~ systems more efficient.

①.3 Overview

This system will make pass code verification in your

① Hotel Management System

SEP

Problem: Create a system to help your client manage their hotel better through our software tools.
SRS Document

1. Introduction

* 1.1 Purpose of this document.

For good management in hotels, of employee and finance constructing an SRS document is a must. The document will give guidelines on finance management, employee and feedback management etc.

1.2 Scope of this document.

The main objective of this document is to provide ways in which we are going to use software in better management thus helping our customer run a successful enterprise.

small level hotel given
the customers cleans his
memory after a certain period
of time

② Design Constraints:

Making sure the hotel website
can handle huge amounts
of traffic during seasons of
high hotel use

⑦ Non-Functional Attributes

① Making the software flexible
proof

Portability
Security

Reliability
Scalability

② Fast calculations

③ No presence of Bugs

④ Ease of use for non-
technical staff

③ Preliminary Schedule and Budget:

Table format
weeks

Our initial version of a system
contains website for your
hotel and various other
tools for hotel management

We have calculated the budget
using LOC method and
labour cost to be 25 lakhs
and around 4 months of

system more efficient

② General description

The client wants to make their passcode system more efficient and our product can help with that

③ Functional Requirements

① A database for storing data of enough people

② An easy to use verification system

③ Verification system to email / username

④ Interface Requirements

We can communicate between various parts of systems using API calls, Node.js, React.js, etc.

⑤ Performance Requirements

A large database will be required, a time out session feature

Specific system

Using POC and below
cost calculation the
money required will be
about 30.8 lakh rupees
and about 1.5 months

| Step | Time | Money |
|---------------------|---------|----------|
| Backend development | 2 weeks | 2.5 lacs |

| | | |
|----------------------|---------|----------|
| Frontend development | 2 weeks | 2.5 lacs |
|----------------------|---------|----------|

| | | |
|------------------|---------|----------|
| AI incorporation | 4 weeks | 50 lakhs |
|------------------|---------|----------|

Steps
Collect
the
Data

system more safe. the system will be as fast as pass code verification system can be

⑥ Design constraints

There must be ways of dealing with duplicate usernames and account locks for making sure unauthorized users can't gain access

⑦ Non-functional Attributes:

① Monitoring connectivity for time outs

② Maximum pass code errors allowed

③ How long to lock user's account in case of error

④ Preliminary schedule and Budget

The critical version of our system just contains the bare bones system not incorporated into any

Credit Card Management System

Problem Statement

Managing customer credit card details providing a secure, efficient platform for these details.

① Introduction

①.1 Purpose

To automate credit card detail management, billing and fraud detection.

①.2 Scope

Manage customer, profiles, history, fraud.

①.3 Overview

Provides secure transactions, user-friendly access, and admin monitoring.

② General Description

Handling customer's info related to credit cards.

Functional Requirements

- Add/Update user email details
- generate bills and track payments
- track location of users & QR my
- secure brand activation

Intergroup Requirements

- Label/Track UI for customer
- secure payment gateway

Performance Requirements

- supports large number of customer
- Error alerts in real-time

Design Constraints

- data base access be soft
- user inputs of handling sensitive information

- must comply with security standards

Non-Functional Attributes

- Security Reliability
- Availability

Scalability

Primary Schedule and Budget

| Phase | Duration | Cost |
|----------------------|----------|---------|
| Requirement analysis | 2 weeks | \$5,000 |

| | | |
|-------------|----------|----------|
| Design | 3 weeks | \$8,000 |
| Development | 6 weeks | \$20,000 |
| Testing | 3 weeks | \$7,000 |
| Deployment | 2 weeks | \$5,000 |
| total | 16 weeks | \$45,000 |

Library Management System (SRS)

Problem statement

Manual handling of library records leads to inefficiency thus project aims to solve these

1. Introduction

1.1 Purpose: To computerize book records and management

1.2 Scope: Support librarians, students and faculty.

Software Requirements System

Problem Statement

Organizations face delays in resolving issues and inconsistencies arise and the project team faces a major crisis of it

1 Introduction

1.1 Purpose: To streamline requirements against logging and resolution

1.2 Scope: Tracks requirements & user log hardware, software or IT systems

1.3 Overview: User log components, functionality of assignments

2 General Description

User Interface
Navigation, handling
detail status tracking

3 Functional Requirements

- Register account email request
- Assign tasks to available staff
- Track request status
- 4 Integrate requirements
- Web-based dashboard, custom complaint portal
- Track request details app for task updates

5 Performance Requirements

- Handle 500 large numbers of requests a day and fast task assignment

6 Design Constraints

- Must run on laptop
- Integrate with app systems

7 Non-Functional Attributes

- Usability, Efficiency, Security, Easy for user - friendly

② Preliminary and Budget

| Phase | Duration | Cost |
|-------------------------|----------|-----------|
| Requirement Analysis | 1 week | \$ 2,000 |
| System Design | 2 weeks | \$ 4,000 |
| Development | 5 weeks | \$ 12,000 |
| Testing | 2 weeks | \$ 3,000 |
| Deployment and Training | 1 week | \$ 2,000 |
| Total | 11 weeks | \$ 23,000 |