

Passport Management System

1. Introduction

1.1. Purpose:

The purpose of this SRS document is to outline the requirement for passport Management System (PMS). This document is intended for stakeholders, including government officials, project managers & developers to provide a comprehensive understanding of system's functionalities, goals & implemented strategies.

1.2. Scope

The PMS aims to streamline the application, issuance & renewal of passport for citizens. It includes functionalities such as online submission, status tracking, & appointment scheduling. The anticipated development time is approx month.

1.3. Overview:

The PMS is a web-based application that enables users to apply for, renew, & track their passport status online. The system provides a user-friendly interface, automated notifications for application status updates, & secure data handling to ensure the confidentiality of user information.

2. General Description:

The passport Management System is designed for citizens applying for passports, govt officials processing applications & administrative staff managing records. Key features include

- Online application submission
- status tracking
- Appointment scheduling

3. Functional Req:

- user Registration & authentication
- application form.
- Document upload.
- status Notification.
- Appointment Management.

4. Interface Requirements

- user interface: website.
- Database: a secure database to store user data & application records, & document upload.
- govt system: Integration with existing govt database.

5. performance Req:

- Response time
- Concurrency
- Data integrity

6. Design constraints.

Technology stack: HTML, React, CSS, Node.js.

Database limitation: use MySQL to storage.

Compliance: Must comply with govt regulations regarding data security & privacy.

7. Non-functional

- security, • Reliability, • scalability, • usability.

8. Preliminary schedule

phase 1: req gathering (2 weeks)

phase 2: system design architecture (2 weeks)

phase 3: development (3 weeks)

phase 4: testing (2 weeks)

phase 5: deployment (2 weeks)