5) Passport Automation System.

A). Problem Statement.

The Passport automation aims to streamline and automate the passport application process, reducing wait times and improving overall efficiency. The current process of obtaining a passport is time consuming, error-prone and prone to fraud and the system aims to resolve these issues by automating.

B) SRS.

1) Introduction

Purpose: To provide a detailed description of the passport automation system.

Scope: The document outlines the development timeline and limitations, and constraints, acceptance criteria for the system, ensuring final product meets the requirements.

Overview: The document provides an overview of the system, including its features & benefits

2) General description.

This is a software application that allows individuals to obtain passport online and is designed to meet the different types of users, government agencies and applicants.

3) Functional requirements.

- Allow individuals to submit passport applications online.
- Schedule appointments for in-person document verification

- Online fee payment
- Features for document verification, background checks and passport printing.

4) Interface requirements

- User friendly interface for individuals to access its features.
- Compatible with all kinds of devices and browsers.

5) Performance requirements

- Handle a large volume of data applications and transactions efficiently.
- Fast response time and minimal downtime.
- Accomodate for future changes.

6) Design constraints

- The system must be designed to work within the constraints of the government's existing hardware and software infrastructure
- Comply with industry standards and best practices for software developments

7) Non-functional Attributes

- Security features such as secure login, data encryption and access control.
- Ensure data integrity and prevent unauthorized access of modification.
- High-volume of transactions and available 24/7.