5] SRS for Passport Automation System

1. Introduction

1.1) Purpose:

The purpose of this document is to define the requirements for a Passport Automating System that will help streamline passport

application processes, including application submission, tracking and appointment scheduling.

1.2) Scope:

The system will support applicants, passport office staff and immigration officers in processing passport requests and renewals.

1.3) Overview:

The Passport Automation System will consist of modules for application submission, verification and tracking.

2. General Description

2.1) Product perspective:

The system will integrate with government databases and biometric verification systems to automate passport processing.

2.2) User Characteristics:

Users will include passport applicants, government officials and system administrators.

2.3) System Constraints:

The system must support secure online submission and tracking for passport applications.

3. Functional Requirements:

- Biometrical verification integration
- Reporting for application statistics.
- Application status tracking for applicants.
- Appointment scheduling for in-person verification
- Online application submission and payment processing.

4. Interface Requirements
- Web - based interface for applicants
- Integration with payment gateways for fee processing.

5. Performance Requirements
- Must process 10,000 appliants annually.
- Application status updates should be available in real time

6. Design Constraints
- must comply with government security and data privacy regucations.
- Modular design for easy future upgrades

7. Non - Functional Attributes
- security: end-to-end encryption for sensitive data
- Scalability: scalable across multiple passport offices
- Reliability: must be reliable for continous operation

8. Preliminary Schedule and Budget
Overall time required: 3 months
Overall cost required: ₹ 2,00,000.