

# SRS for Passport Automation System.

## 1. Introduction

### 1.1 Purpose

This SRS defines requirements for a system that automate passport application, verification & issuance.

### 1.2 Scope

The system allows applicants to apply online track status & schedule appointments while automating backend verification.

### 1.3 Overview

PAS minimizes manual paperwork & errors faster, secure passport issuance.

## 2. General Description

The system supports applicants, government staff & administrators for efficient passport processing.

## 3. Functional Requirements.

- Application Management: submit new application online.
- Document upload & verification: upload ID / address proofs, automated verification.
- Fee Payment: secure online payment gateway integration.
- Appointment Scheduling: Book slots for doc



- User verification/ biometrics
  - Tracking : Applicants track application status online.
  - Report Generation : For administrator & audit purpose.
4. Interface Requirements :
- UI : Applicant portal & admin dashboard
  - Integration : Biometric device, payment gateway policy verification system.
5. Performance requirements :
- response time  $\leq 2$  seconds, handle 10,000 + concurrent users, process 1 Million + records securely.
6. Design Constraints
- Use government approved security standards  
Database : Oracle / PostgreSQL.
7. Non functional requirements
- Security : end to end encryption, strong authentication
  - Reliability : 99.99% uptime.
  - Scalability : National - level deployment.
  - Portability : Accessible on desktop, mobile & kiosks.
8. Preliminary schedule & Budget.
- Development duration : 12 months.  
Estimated budget : \$ 5,00,000.