

V Passport Automation System

1) Introduction:

1.1 Purpose of The Document

- To define specifications and prerequisites for the development of passport automation system such that all users have a seamless experience.

1.2 Scope of The Document

- Provides an online interface for user to submit documents for issuing of a passport.
- Communication platform between applicant and admin users can know status of an application.

1.3 Overview

- SPS includes overall description and specific steps to define a PAS with roles and functions.

2) General Description

- PAS is an interface between applicant and admin system makes easy interface and data security.

3. Functional Requirements

- User registration: Unique ID, Individual / Family acc.
- Application Submission: e-Submission, validation
- Application Processing: Review, Verify
- Appointment Scheduling: Time Slots

4) Interface Requirements

User Interface: SLW interface, front end client, web server, back end

Hardware Interface: Server is connected to client system integration w/ payment gateways.

5) Performance Requirements

- Secure, reliable registrations
- Availability of time slots for scheduling appointments
- Verification of documents.

6) Design Constraints

- Computer is required for submission
- Chance of intrusion
- User must be careful before submitting.

7) Non Functional Attributes

- Security: Robust authentication, Encryption
- Reliability: Backup and Recovery mechanisms
- Usability: Intuitive interface, clear Error Messages

8) Preliminary Schedule and Budget

- Development Time: 6 months
- Budget: ₹ 6,00,000.