

PASSPORT AUTOMATION SYSTEM.

1. Introduction Problem Statement

The passport automation system seeks to revolutionize the passport issuance process by digitizing and streamlining application submission, verification, and approval procedures. It addresses the challenge of long wait times, manual data entry errors, and bureaucratic inefficiencies in passport issuance, aiming to enhance the overall experience for applicants & government authorities alike.

1.1 Introduction:

1.1 Purpose of the document

- To define specifications & reqs 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 users to submit documents for issuing of passport
- Communication platform b/w applicant & admin users can know status of an application.

1.3 Overview

- SRS includes overall description & specific reqs to define a PAS with roles & functions

2. General Description.

- PAS is an interface b/w applicant & admin system makes easy interface & data security

3. Functional Requirements.

- User registration: Unique ID, individual & family acc.
- Appln submission: e-submission, validation
- Appln processing: review & verify
- Appointment scheduling: time slots

4. Interface Requirements:

- User Interface: S/w 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 appts
- 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 & Recovery mechanisms.

usability : Intuitive interface, clear error msgs

8. Preliminary Schedule & Budget:
Development time 6 months
Budget : ₹ 6,00,000