

estimated cost: ₹ 10 Lakhs

B01.01

5) Passport automation:

Introduction:

1) Purpose of this document:

This document is about software requirements for Passport Automation system, aimed at ~~planning~~ smoothing the passport application process.

2) Scope of this document:

document covers functional and non-functional requirements, interface and performance requirement to enhance user experience.

3) Overview:

The system will simplify the application process, enhancing document verification and improve tracking for applications.

General Description:

user characteristic: Applicants, administrative staff

Features: Application submission, document verification, tracking

Benefit: streamlined process, improved customer service

Functional Requirements!

- (i) User can submit applications online
- (ii) system verifies documents and track application status
- (iii) Generates notification for updates

Interface Requirements!

- (i) Backend API for administrative tasks and document verifications
- (ii) user friendly interface for applicants

Performance Requirements!

- (i) Processing time should be less
- (ii) Should have capacity to hold many applications

Design Constraints!

- (i) Must be legal wrt government policies on data protection
- (ii) Must be accessible to all type of peoples

Non-Functional Requirements!

- (i) security - sensitive information should be hidden
- (ii) Reliability - ensure a failover mechanism to achieve an uptime.
- (iii) scalability - should be able to handle seasonal spikes

Preliminary schedule and Budget!

schedule time: 7 months

estimated cost: ₹15 lakh