

# IV Passport Automation System

## Problem Statement:

The current passport issuance process is by long wait times, inconsistent service availability, leading to a frustrating environment. ~~see~~ Enhancement of security measures & improve overall customer satisfaction and efficiency.

## Introduction:

### 1.1 Purpose of the document

- To define specification & requirements for the development of passport automation system such that all users have seamless experience.

### 1.2 Scope of Document.

- Provides an online interface for user to submit documents for issuing of passport
- Communication platform b/w applicants & admin user can know status of an application

### 1.3 Overview:

SRS include overall description & specific req. to define a PAS with roles.

2. General Requirements:-  
- PAS is an interface b/w applicant & admin system  
makes easy interface & data security

### 3. Functional Requirements:-

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

### 4. Interface Requirement:

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 requirement:-

- Secure reliable registration
- Verification of document.

### 6. Design Constraints

- computer is required for submission.
- chance of intrusion.

### 7. Non-functional attributes:

- Security: Robust authentication, encryption.
- usability: intuitive interface, error msg.

### 8.

Preliminary Scheduling

Development time: 6 months

Budget: ₹ 6,00,000

# Class Diagram of a Passport automation system.

