

# V Pasport authentication system

## 1. Introduction

### 1.1 Purpose of document

This document outlines the requirements for PAS, detailing objectives, functionalities and performance expectations for all stakeholders.

### 1.2 Scope

Covers features like application, submission, doc verification, appointment scheduling and reporting aimed at enhancing operational efficiency.

### 1.3 Overview

The PAS streamlines passport application and interview processes providing an intuitive interface for applicants to submit applications and track status.

## 2) General description

Application enables users to submit applications for passport and facilitate the user verification and authentication by submission of valid docs. It allows scheduling of appointments for interviews, provides smooth payment transactions.

## 3) Functional requirements

- allow online application, creation and submission
- enable doc verification against official documents
- allow appointment scheduling for interviews
- enable real time application status tracking

#### 4) Interfacing requirements

UI - web based and user friendly access always

Database Integration - secure relational database for application storage

API - create API for integration with identity verification services

#### 5) Performance requirements

- Min Response Time
- concurrent users
- Data storage

#### 6) Design constraints

- comply with data protection and privacy regulations
- ensure compatibility with existing govt infrastructure systems
- developed using specified technologies

#### 7) non-functional attributes

- Security
- reliability
- Scalability
- Availability

#### 8) Preliminary Schedule and Budget

- 6 months

• ₹ 1,00,000

Requirements - ₹ 40,000

Design and development - ₹ 10,000

Testing - ₹ 50,000