

# Passport Automation System

## 1. Introduction

### 1.1 Purpose

This document specifies requirements for an automated Passport Automation System (PAS) that handles passport application and verification online.

### 1.2 Document Convention

IEEE style has been followed for clarity and consistency.

### 1.3 Intended ~~Scop~~ Audience

Government officials, applicants and development teams.

### 1.4 Project Scope

The system replaces manual passport processing, ensuring faster application handling and tracking.

### 1.5 References

Government passport issuance guideline, IEEE SPs Standards.

## 2. Overall Description

### 2.1 Product Perspective.

The system provides an online platform connected to government databases.

## 2.2 Product Functions

Application Submission, verification, payment, and appointment scheduling.

## 2.3 User Classes

Applicants, verification officers, and administrators.

## 2.4 Operating Environment

Web-based system with secure authentication, connected to national databases.

## 2.5 Constraints

Must comply with government regulations and data security policies.

## 2.6 Documentation

User guidelines and admin manuals will be supplied.

## 2.7 Assumptions and Dependencies:

Assumes connectivity with police and national ID databases.

## 3) Specific Requirements

### 3.1 Functional Requirements

- Submit online applications
- Upload required documents
- Schedule appointments
- Verify applicant details with police and government records
- Process online payments.

### 3.2 External Interface Requirements

- Web portal for users
- Integration with payment gateways and government databases.



### 3.3 System Features

- Real-time application tracking
- Automated SMS/email notifications

### 3.4 Non-functional Requirements

- High Security for personal data
- 99.9% uptime
- Fast response within 3 seconds.

## 4) Appendices

### 4.1 Glossary

PAS - Passport Automation System, ID-identification

### 4.2 Future Enhancements

Integration with biometric Systems and mobile applications.