

5. 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 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 guidelines.
IEEE SRS standards.

2. Overall Description.

2.1 Product perspective

The system provides an online platform connected to government database.

2.2 Product Functions

Application submission, verification, payment, and appointment scheduling.

2.3 User classes

Applicants, verification officers, and administrator.

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 database.

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.

