

Passport Automation System

1. Introduction

1.1 purpose

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

1.2 Document Convention

IEEE style has been followed for clarity and consistency.

1.3 Intended Audience

Government officials, applicants & development teams.

1.4 project scope

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

1.5 Reference

Govt passport issuance guidelines IEEE & SRS standards.

2. Overall Description

2.1 product perspective

The system provides an online platform connected to the govt database.

2.2 product function

Application submission, verification, payment, & appointment scheduling.

2.3 User classes

Applicants, Verification officers & administration.

2.4 Operating environment

web based system with secure authentication, connected to national Database.

2.5 Constraints

Must comply with govt and data security policies.

2.6 Documentation

User guidelines and admin supplied.

2.7 Automation Assumptions

Assume Connectivity with ID Database.

3. Specific Requirements

3.1 functional Requirements

- Submit online application
- upload required documents
- Schedule appointment
- Verify application against govt records
- process online payment

3.2 External Interface

- web portal for users
- Integration with govt databases

3.3 Non-functional

- High security for data
- 99.9% uptime
- fast response time

4. Appendices

4.1 Glossary

- PAS → passport Automation System
- ID → Identification

4.2 future Enhancements

- Integration with mobile applications

Automation System

Specifies requirements for an
Automation System (PAS)
port application & verification

tion
followed for clarity

applicat's & development

manual passport processing
handling & tracking.

guide lines IEE & SPS

own online platform
database.

ification, payment,
lign.

es of administration

Secure authentication
case.

2.5 Constraints
Must comply with government regulations
and data security policy.

2.6 Documentation
user guidelines and admin manuals will be
supplied.

2.7 Automation Assumptions and Dependencies.
Assume Connectivity with police & national
ID Database

3. Specific Requirements

3.1 functional Requirements

- Submit online application
- upload required documents
- Schedule appointments
- Verify application details with police & govt records
- process online payments.

3.2 External Interface payment

- web portal for users.
- Integration with payment gateways & government databases.

3.3 Non-functional Requirement

- High security for personal data
- 99.9% uptime
- fast response within 3 sec

4. Appendices

4.1 Glossary

- PAS → ~~passport~~ Automation System
- ID → Identification.

4.2 future Enhancement

- Integration with Biometric Systems & mobile application.