

V Passport automation system

Problem statements: Design a passport automation system streamlining passport issuance process including application processing, document verification, appointment scheduling, fee collection and biometric data capture. It enhances efficiency reduces processing time and ensures accuracy in passport issues.

1. Introduction:

1.1 Purpose of the document: The purpose of this document is to provide a comprehensive overview of the requirements & specifications for the development of passport automation system.

1.2 Scope of the document:

This document defines the overall working & main objectives of the ~~credit card~~ PAS.

1.3 Overview:

The PAS is designed to streamline & automate the process of passport issuance and management.

2. General description:

- * Objective of user to simplify and expedite the process of applying for and obtaining passport.
- * User characteristics → designed for passport applicants, government officials.
- * Features and benefits → online applications submission, appointment scheduling, document verification.

3. Functional requirements:

- Online application submission
- Appointment scheduling
- Document verification
- Passport printing

4. Interface Requirements

- Web portal
- Biometric Device
- Document verification system
- Passport printing system.

5. Performance requirement:

- Response time.
- Scalability.
- Reliability.
- Data security.

6. Design constraints:

- Regulatory compliance.
- System integration
- Data privacy.

7. Non Functional Attributes.

- Security
- Portability
- Reliability
- Scalability.

8. Preliminary Budget and Schedule

Estimated time - 16 weeks

Estimated Budget - ₹ 3,00,000