

5. Passport Automation System.

Problem Statement:

Develop a passport automation system to streamline application submission appointment scheduling & status tracking. Prioritize user friendly interface data security & adhere to SE & ISO principles. Implementing a passport automation system is critical to streamline the application process reduce processing time enhance security measures.

Introduction:

* Purpose

To define specifications & requirements for the development of a passport Automation system.

* Scope

To describe the overall objectives & scope of the passport Automation system.

* Overview:

Designed to streamline & automate passport application, processing & management procedures.

- General Discription
- User Registration
- Application Submission
- Application Processing
- Payment Processing
- Appointment Scheduling
- Passport Issuance

3. Functional Requirements

- User Registration:
Register user & assign unique login credentials.
- Application Submission:
Allow electronic submission of passport application.
- Payment Processing
Passport Online Payment for application fees
- Passport Issuance
Generate passport documents upon approval.

4. Interface Requirement

- Response Time
- Scalability

- Design
 - Platform compatibility with devices & browsers.
 - Integration with external system.

→ Non-Functional Attributes

- security

Robust authentication mechanisms
Encryption of sensitive data

- Reliability

Backup & recovery mechanisms

- Usability

Intuitive interface, requiring minimal training

8. Preliminary schedule & Budget

Development estimated at 6 months,
\$60,000 budget.