

3. Passport Automation System (PAS).

1.1 Purpose :

To establish requirements for automating passport application and issuance processes.

1.2 Scope :

The PAS will streamline the application process appointment scheduling and payment handling. Estimated budget is \$15,000 with a timeline of 8 months.

1.3 Overview :

This system will enable online passport application, improving efficiency and reducing processing times.

2. General Descriptions

Target users include passport applications and administrative staff. It aims to enhance transparency and streamline the application workflow.

3. Functional Requirements :

~~Online Applications~~ : Facilitate submission of passport applications.

~~Appointment scheduling~~ : Allow users to book appointments.

~~Payment processing~~ : Manage application fees.

~~Status Tracking~~ : Provide update on application status.

~~Reporting~~ : Generate administrative reports.

4. Interface Requirement :

User Interface : web-based for applicants.
Admin Dashboard : For staff to manage applications.

5. Performance Requirements.

Supports up to 1000 concurrent applications
Application processing time not to exceed 10 minutes.

6. Design constraints :

Compliance with relevant government regulations.
Implementation of secure authentication methods.

7. Non-Functional Attributes.

Security : Strong encryption for sensitive data.
Reliability : Robust system with disaster recovery plans.

8. Schedule & Budget.

Development timeline : 8 months
Estimated cost : \$75,000.

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