PASSPORT AUTOMATION SYSTEM

Design a Passport Automation System for streamlined passport issuance and management. Features include application processing, document verification, appointment scheduling, and status tracking. Implement biometric data capture, secure data storage, and automated notifications. Ensure user authentication, data privacy for seamless passport services.

1. ## Introduction:

1.1 ### Purpose of the document
- To define specifications & preqs for the development of passport automation system such that all users have a seamless experience.

1.211 ### Scope of the Document
- Provides an online interface for users to submit documents for issuing of passport communication platform b/w applicant & admin users can know status of an application.

1.311 ### Overview
- SRS includes overall description & specific reqs to define a PAS with roles and functions.

2. ## General Description:
- PAS is an interface b/w applicant & admin system makes easy interface & data security.

3. <u>Functional Requirements</u>
- User registration : Unique ID, individual / family acc
- Appln submission : e-submission , validation
- Application processing : review , verify.
- Appointment scheduling : time slots.

4. <u>Interface requirements</u> :
- User interface : s/w interface , front-end client, web server , back-end.
- Hardware Interface : Server is connected to client system integration w/ payment gateway.

5. Performance requirements.
- Secure , reliable registration.
- Availability of time slots for scheduling app
- Verification of documents.

6. Design constraints.
- Computer is required for submission
- Chance of intrusion
- User must be careful before submitting.

7. Non-functional attributes :
- Security : Robust authentication, encryption.
- Reliability : Backup & Recovery mechanisms.
- Usability : Intuitive interface , clear error msgs.

8. Preliminary Schedule & Budget :
Development time 6 months.
Budget : ₹ 6,00,000.