

#### 4> SRS for Passport Automation System [PAS]

- Goal: Develop a software interface for PAS.

##### 1. Introduction:

- Purpose: Define specs for a system to streamline the passport applications & management.
- Scope: To describe the overall objectives & scope of the PAS.
- Overview: Designed to streamline & automate passport applications, processing & management procedures.

##### 2. General description:

- User Registration: Enable user sign-up with unique credentials including family accounts.
- Application Submission: Electronic submission & validation of applications.
- Processing: Review by officers, with verification & decision making capabilities.
- Payment: Online fee payments with multiple options.
- Appointments: Scheduling systems for appointments based on availability.
- Issuance: Creation & printing of passports with necessary security features upon approval.

##### 3. Functional Requirements:

- User Registration
- Application Submission
- Processing
- Payment processing
- Appointment scheduling
- Passport issuance

#### 4. Interface Requirements:

- User interface: Intuitive & informative
- System interfaces: Integration with payment systems & external databases.

#### 5. Performance Requirements:

- Response Time: Quick response time for user interactions.
- Scalability: Handle large volume of applications & transactions.

#### 6. Design Constraints:

- Platform Compatibility: Compatibility with various devices & browsers.
- Integration with External Systems: Integration with govt. db for data validation.

#### 7. Non-functional Attributes:

- Security: Encryption of sensitive data.
- Reliability: Backup & recovery mechanisms.
- Usability: Intuitive interface requiring minimal trainings.

#### 8. Preliminary Schedule & Budget:

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