

5. Passport Automation System.

Problem Statement

Ensure complete processing of passport, verification and prevent fraud, ensure reliable operation and should provide a user friendly interface.

SRS

1. Introduction

- 1.1. Outline the necessary requirements and specifications of developing a passport automation system.
- 1.2. Describes the main features and serves as a reference, ensures that all the objectives are met. Includes interface and performance requirements along with design constraints.

~~1.3.~~

2. General description.

User community for the system are passport officials, person who wants to update passport details. Benefits are that there is more security and efficiency in dealing with passports. Users are any one that wants to apply / make changes to passport details.

3. Functional requirements

- * Verify the passport details
- * Accept and process passport details
- * Provide user friendly support for any queries.

4. Interface requirements

- * Integrate with already existing system software that the machine is using.
- * Provide user friendly interface for the user.

5. Performance requirements

- * Processing time should be less.
- * Handle multiple requests simultaneously.

6. Design constraints

- * Data Security must be provided for the user's personal information.
- * Types of payment methods accepted.
- * Specific dimension of documents required.

7. Non-functional requirements.

- * Security: System has to ensure that all the passport information is stored and transmitted to prevent unauthorized access.
- * Scalability: Handle increased transaction processing during peak period with heavy traffic.

8. Preliminary Schedule and budget.

* Planning: 2 months

* Development phase: 4 months

* Testing: 2 months

* Hardware: \$80,000

* Training: \$30,000

* Personal: \$10,000