

3) Passport automation system.

1. Introduction:

1.1 Purpose of the document:

The purpose of the document is to specify the requirements of the Passport automation system.

1.2. Scope of the document: The scope of the document is to provide the outline of requirements of passport automation system such as User Registration & login, Application Submission, Document verification etc..

1.3. Overview: It is web-based application that provides platform for user to apply for passports online, schedule appointments and track application status.

2. General Description:

It provides user-friendly platform to automate the entire process of passport application, renewal and status tracking. It benefits both applicants and government officials.

3. Functional requirements:

- User registration and login: Applicants can register with personal details.
- Application submission: Users can submit their passport applications online.
- Document verification: Verification of details of the user.
- Payment Processing: Integration with payment gateways.
- Application tracking: Real time tracking of application status.

4. Interface Requirements:

- User Interface - web-based interface.
- API Integration - integration with payment gateways.

5. Performance requirements:

- System should be able to handle large number of users.
- Response time must be short.

6. Design constraints.

- Developed using html/css, javascript
- Integrating with database.

7. Non-functional Attributes

- Security: securing user details
- Scalability: must support high traffic
- Usability: user-friendly interface.

8. Preliminary Schedule and Budget

- Development time: 8 months
- Development cost: \$60,000
 - Requirement analysis - \$10,000
 - Development & implementation - \$15,000
 - Verification & validation - \$25,000
 - Evolution & maintenance - \$10,000

Passport Automation System

