

5. Passport automation system

Problem Statement - The current process of obtaining a passport is often tedious, time-consuming and requires multiple visits to passport offices. To overcome these challenges, a passport automation system is required.

SRS

① Functional Requirement:

1. Registration - the system will allow the user to create a account by providing basic personal information.
2. Application for new passport - the user will be able to fill out an application form online & upload the required document.
3. Passport renewal - able to renew their passport online by filling out a renewal form & uploading the necessary document.
4. cancellation - should be able to cancel if needed
5. Appointment and notification
6. Passport insurance.

② non-functional Requirement:

- * The system should be able to handle a large no. of concurrent users and process their applications quickly
- * The system should ensure the security of user data, prevent unauthorised access & protect against threats.
- * The system should have an intuitive & easy-to-use interface for applicants.
- * The system should be scalable to accommodate the growing no. of passport applicant & provide a seamless experience.

3) User Requirement:

- * The system should have a user-friendly interface that is easy to navigate with clear instructions.
- * The system should provide an online application process that allows users to fill out & submit their application.
- * The system should allow users to upload their required documents online.
- * Appointment scheduling and verification process.
- * Insurance of passport & status updates.

4) Software requirement:

- * web-based interface
- * Authentication and authorization.
- * Database management and document management.
- * Payment gateway integration
- * Appointment scheduling system & Biometric verification system.

5) Domain requirement:

- * The system should comply with government regulation related to passport insurance, including policies & procedure.
- * System should adhere to data privacy laws & regulations.
- * The system should integrate with the existing systems used by government agencies.
- * Accessibility, security and language support.
- * User education.
- * Disaster recovery plan to ensure the system can be restored quickly.