

Passport Automation System :

Problem Statement : The current manual passport application and processing system is plagued by inefficiencies and long waiting times leading to overwhelmed passport officers. The problem statement revolves around the urgent need for a streamlined passport automation that can facilitate seamless electronic application submission.

1 Introduction

1.1 Purpose of this document

To define specifications and requirements for the development of a Passport Automation System.

1.2 Scope of this document

To describe the overall objectives and scope of the Passport Automation System.

1.3 Overview

Designed to streamline and automate passport application, processing and management procedures.

2 General description :

- Allow users to register and receive unique login credentials.
- option for individual or family accounts.
- Users can submit passport applications electronically.

- Page _____
- System validates application details
 - Passport officers review and process applications
 - Support online payment for passport application fees
 - Multiple payment options available

3. Functional Requirements

3.1 User registration

- Provide users to register and assign unique login credentials
- Provide options for individual or family accounts

3.2

3.2 Application submission

- Allow electron submission of passport applications
- Validate application details

3.3 Application Processing

- Passport officers review applications
- Verify and approve / reject application

3.4 Appointment scheduling

- Allow users to schedule appointment
- Provide available time slots

4. Interface Requirements

4.1 User Interface

- Intuitive interface for easy navigation
- Clear display of application status and appointment details

Date: / /
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4.2 System Interfaces:

- integration with payment details

5 Performance requirements

5.1 Response time

- quick response time for user interactions
- Handle large volume of applications and transactions

Compatibility with various devices and browsers.

- integration with government databases for data validation

7 Non Functional Attributes

Robust authentication mechanisms

Backup and recovery

Encryption of sensitive data

Intuitive interface requiring minimal training

8. Preliminary Schedule and Budget
Development is limited at 6 months
\$60,000 budget

Passport Automation



