3. **Passport Automation system (PAS)**

1. Introduction

1.1 purpose of this document

This document outlines the requirements for a passport Automation systems that automates the process of passport application, processing & issuance.

1.2 scope of this document

The PAS aims to automate and streamline passport applications, reducing manual intervention and improving the overall user experience.

1.3 overview

The system will manage applications, verify documents, and track application progress.

2. General Description

The system will allow citizens to apply for passports online, track the status of their applications, and receive notifications for appointments & updates.

3. Functional Requirements

online application submission & document verification
Application status tracking
Automated email / sms notifications

4 Interface Requirements

web interface for users to submit & track applications.
Back-end system for government officials to process applications.

5. Performance Requirements

Handle 1000+ concurrent applications.

Application processing within 5 sec.

6. Design Constraints

System must comply with government security & privacy regulations.

Must integrate with existing government DB

7. Non-Functional Attributes

Security : Strict access control & data protection

Scalability : Handle increasing number of applications.

8. Preliminary schedule & Budget

Development period : 8 months.

Estimated budget : $50,000.

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