

3) Passport Automation System (PAS)

1. Introduction

1.1. Purpose of this Document

This document outlines the requirements for a Passport Automation System that automates the process of passport application, processing, and 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 and updates.

3. Functional Requirements

- (i) Online application submission and document verification
- (i) Application status tracking
- (i) Automated email / SMS notifications

4. Interface Requirements

- (1) Web interface for users to submit and track applications
- (2) Back end system for government officials to process applications

5. Performance Requirements

- (1) Handle 1000+ concurrent applications
- (2) Application processing within 5 seconds

6. Design Constraints

- (1) System must comply with government security and privacy regulations.
- (2) Must integrate with existing government databases

7. Non-Functional Attributes

- (1) Security - Strict access control and data protection
- (2) Scalability - Handle increasing number of applications.

8. Preliminary Schedule and Budget

- (1) Development period - 10 months
- (2) Estimated budget - ₹ 50,000

Spt
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