

⑤ Passport Automation System

PROBLEM STATEMENT

A passport automation system is an interface between applicant and system, which automates the passport issuing/renewal process.

1. Introduction

1.1. Purpose of this document

↳ Purpose of this document is to provide a comprehensive overview of the requirements & specification for the development.

1.2. Scope of the document

↳ This document delineates the scope of the PAS, detailing its intended functionalities and benefits.

1.3. Overview

↳ The PAS is designed to streamline & automate.

2. General description

- Objectives of use: to simplify and expedite the process of applying for and obtaining passports
- User characteristics: designed for passport applicants, & government officials
- Features and benefits: online application, submission, appointment document verification

3. Functional Requirements

- online application submission
- appointment scheduling
- document verification

4. Interface Requirements

- web portal : Must be simple enough for access to all citizens.
- Biometric capture
- Passport printing systems.

5. Performance requirements

- Response time:
- Scalability:
- Reliability: must be able to handle multiple users at the same time.

6. Design constraints

- Regulatory compliance
- System integration: Appropriate database must be chosen.

7. Non-functional requirements

- Security: Data must be stored securely.
- ~~Reliability~~ Documents must be verified
- Reliability & Authenticity: user identity must be authentic *

8. Preliminary schedule & budget

The steps are:

Requirement gathering - 2 weeks

Design and architecture - 4 weeks

Deployment & launch - 2 weeks

Time: Around 6 months

• Budget: 2,50,000 Rs.