

5. Passport Automation System

Problem Statement

Develop a passport automation system to streamline application submission, appointment scheduling & status tracking. Prioritize user friendly interfaces, data security and adherence to GDPR principles.

1. Introduction

1.1 Purpose

The purpose of this document is to provide overview of requirements & specifications for the development of passport Automation System.

1.2 Scope

The document contains detailed functionalities & benefits of the end users for a passport automation system.

1.3 Overview

The passport Automation System is designed to automate the process of issuing & management of passport.

2. General Description

To simplify the process of applying & obtaining passport, designed for passport applicants, consisting online application submission, document verification appointment scheduling.

3. Functional Requirements

- Online Application Submission
- Document verification
- Appointment Scheduling

4. Interface Requirements

- web portal
- Biometric Devices
- Document verification System
- Passport printing System

5. Performance requirements

- Response time must be minimum
- Data Security
- Scalability
- Reliability

6. Design constraint

- System must be compatible with existing software & hardware
- Robust security measures to protect data from unauthorized access & from data breaches

7. Non-functional Attributes

- Security
- Portability
- Scalability
- Reliability

8. Preliminary schedule & Budget

- Estimated time : 12 months
- Estimated Budget : ₹ 10,00,000