

## 5. Passport Automation System

### Problem Statement

Develop a passport automation system for streamline application submission, appointment scheduling & status tracking. Prioritize user friendly interface, 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 system 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, enabling 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
- prospect 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
- Availability
- Scalability
- Reliability

#### 8. Preliminary Schedule & Budget

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

#### Manager

+ Name: String  
+ Id: int  
+ phoneNo: int  
+ Location: String

+ PurchaseTime  
+ PurchaseAmount  
+ ManagerId

che
+ Name
+ Id
+ Location
+ Time