⑤ Passport Automation System

1. Introduction

1.1 Purpose

To digitize & simplify the process of applying, renewing & tracking passports. It ensures faster service delivery

1.2 Scope

Will manage application submission, document verification, appointment scheduling, police verification & passport issue / renewal.

1.3 Overview

It provides notifications & tracking via SMS / Email.

2. General Description

The system acts as centralized online platform for passport - related services. It maintains a secure database of applicant & passport details.

3. Functional Requirements

3.1 User Registeration & login

3.2 Application Management

3.3 Appointment Scheduling

3.4 Police Verification

3.5 Payement Gateway

4. <u>Interface Requirements</u>
4.1 UI: Web/Mobile based
4.2 Hardware Interface: Biometric Scanners
4.3 Software Interface: Payment APIs

5. <u>Performance Requirements</u>
5.1 Must handle at least 5000 concurrent application
5.2 99.99% uptime

6. <u>Design Requirements</u>
6.1 Modular Design
6.2 Secure role-based access control
6.3 Scalable

7. <u>Non-Functional Attributes</u>
7.1 Security
7.2 Reliability
7.3 Viability
7.4 Scalability

8. <u>Preliminary Schedule & Budget</u>

Phase	Duration	Estimated Cost
Requirement Analysis	3 weeks	$4,000
System Design	4 weeks	$5,000
Development	12 weeks	$10,000
Testing	6 weeks	$5,000
Deployment	3 weeks	$3,000
Total	28 weeks	$27,000