Passport Automated System (SRS)

1. Introduction

1.1 Purpose : To automate the passport application process, reduce manual tasks.

1.2 Scope : This system will cover new passport applications, renewal, status tracking.

1.3 Overview : A web and mobile based solution aimed at digitizing the application, tracking process.

2. General Description

This System allow user to have a passport, upload document, Schedule appointments and receive real-time application with ease.

2.1 Feature

→ updates for Status notification
→ Online payment for application fees.
→ form submission

2.2 Benefits

→ Reduces process delays by minimizing manual interaction
→ Enhance efficiency of the passport office

3. Functional Requirement

→ Document Verification : official verifying documents online.

→ Appointment Scheduling : Users can choose available dates for verification

→ Status Tracking : Applicants check status & receive updates at each stage.

4. Interface Requirements

→ External Integration : Integrate with national ID and payment gateway for verification.

→ API Requirement : Provide an API for third party applications, such as courier services.

5. Performance Requirements.

→ Processing time : Average form submission must be in no time

→ Capacity : Handle up to 50,000 application per month.

6. Design Constraints

→ legal Conformity : Must comply with government policies on data protection

→ Accessibility : Must be accessible to people with disabilities

7. Non Functional Attributes

→ Security : Sensitive information Should be encrypted

→ Reliability : Ensure a failaid mechanism to achieve an uptime.

→ Scalability : Should be able to handle seasonal Spikes.

8. Preliminary Schedule and Budget

Schedule :
(i) Requirement Analysis : 2-3 weeks
(ii) System design and architecture : 4 weeks
(iii) Development Phase : 8-10 weeks
(iv) Testing - 3 4 weeks

Budget :

(i) Requirements : ₹ 8,000
(ii) Design and Architecture : ₹ 10,000
(iii) Development : ₹ 45,000
(iv) Testing : ₹ 8,000
(v) Deployment : ₹ 5,000

Estimiated Cost : ₹ 76,000