V Passport Automation System

1. Introduction

1.1 Purpose of the document

To define specifications and frequency for the developement of passport automation system such that all users have a seamless experience

1.2. Scope of the document

- Provides an online interface for user to submit documents for issuing of passport
- Communication platform between applicant and admin users can know status of application

1.3 Overview

- Overall description and specific register-ations to define this system with roles and functions

2. General Description

- Passport Automation system is an interface between applicant and admin system makes easy interface and data security

3. Functional Requirements

- User registrations : Unique ID, indivdual or family account
- Application submission : e-submission, validation

- Application processing : review, verify
- Appointment Scheduling : time slots

4. Interface Requirements
   - User interface : Software interface, front end client web server, back end
   - Hardware interface : Server is connected to client system integration with payment gateways

5. Performance Requirements
   - Secure, reliable registrations
   - Availability of time slots for scheduling applications
   - Verification of documents

6. Design Constraints
   - Computer is required for submission
   - chance of intrusion
   - User must be careful before submitting

7. Non functional attributes
   - Security: Robust authentication, encryption
   - Reliability : Backups and Recovery mechanisms
   - Usability : Intuitive interface, clear error Messages

8. Preliminary Budget and Schedule
   - Developement time : 6 months
   - Budget: ₹ 6,00,000

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