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Passport automation

1) Introduction

1-1 Purpose

Document outlines software requirements for passport automation. Its purpose is to define functionality for passport automation efficiently.

1-2 Scope

Document covers all aspects of passport automation including application, verification & issuance and status tracking.

1-3 Overview

Passport automation system is designed to streamline entire process of passport issuance. System allows users to apply online, track status of application, schedule appointments & receive notifications.

2) General description

It allows citizens to apply for passport & receive notifications about its status.

It allows government officials to verify submitted documents, process applications & update status. System aims to reduce processing time & minimize paperwork & eliminate need for physical visits to passport office.

3) Functional Requirements

3.1> Online Application: System must allow users to fill in personal details, upload required documents (proof of identity, address) & submit application online.

2.2) Document verification:- System should automatically verify uploaded documents using integrated government databases

3.3) Appointment Scheduling:- Users can book an appointment at designated passport offices

3.4) Status Tracking - System must allow users to track status of their application (verified, approved, dispatched)

4) Interface Requirements

4.1: User Interface: System should have a graphical interface

4.2 API Integration: Integrate external API for database

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5) Performance

5.1. System should handle upto 100 users at same time

5.2. Processing & verification should not take more than 30 seconds

6) Design Constraints

6.1 System should be compatible with existing technology

6.2 It should follow security protocols

7) Non-functional Requirements

7.1 Security:- System should keep customer details private

7.2 Reliability:- 99% uptime to avoid disruptions

7.3 Data Integrity:- Ensures processing, updated data integration

8) Preliminary Schedule & Budget

Project is expected to take 5 months with a budget of \$25000