→ Passport automation :-

1. Introduction :

1.1 Problem statement : To make a system that will streamline the process of passport application, verification, issuance & renewal.

1.2 Scope : It aims to automate the entire lifecycle of Passport Processing, issuance & renewal.

1.3 Overview : It will function as a web-based solution that will integrate with already existing govt. databases for seamless processing of Passports.

2. General Description :- A web based application that will replace the manual passport application with a fully automated system.

3. Functional requirements :-

sensitive data.

3.1 Passport Application form (fill the details & upload necessary documents).

3.2 Documents verification :- Automated Validation of uploaded documents against material (Govt.) databases).

3.3 Biometric data collection : Interface supports biometric system for fingerprint & facial recognition.

3.4 Application Tracking : (Applicant can track the status of their application at all stages.

3.5 Passport Issuance : (Printing & Dispatch after verification of documents).

4. Non-Functional Requirements :-

4.1 Performance : (The Response time of the application should be less them 3 seconds on avg)

4.2 Security : (All personal & biometric data must be encrypted).

4.3 Scalability : The application should be scalable.

4.4. Maintainability : (The system should have a modular design & comprehensive documentation).

5.) Integration Requirements :-

5.1 User Interface

5.2 Application programming Interface

5.3 Notification Interface

6) Performance Requirements :
6.1. Response Time
6.2 Concurrent Users
6.3 Application Throughput
6.4 System uptime