Estimated Budg...

5.> Passport Automation System

1 Introduction :

1.1 Purpose :- This document outlines the requirements for a passport Automation system. System will automate the process of applying for & tracking status of passports.

1.2 Scope:
i) allows citizens to apply for passport online
i) schedule appointments and track the status of their application

1.3 Overview:
It eliminate need for manual passport processing reduce paperwork and provide an efficient user-friendly platform for application applicants and govt. officials.

2. General Description :-
The Passport Automation system will provide a platform for citizens to submit passport application, upload necessary document and track their application status.
Govt officials will process applications, verify documents and issue passport.

3. **functional Requirement:**

1) Allow users to apply for passport online.
2) Enable officials to review & approve documents
3) Provide real-time updates on application status.
4) Allow users to book appointments for biometric verification.
5) Send remainders for appointment dates and passport readiness.

4. **Interface Requirements:-**
1) User-friendly interface for applicants to fill out forms.
2) Secure login for both applicants and govt. officials.
3) A dashboard for govt. officials to manage applications.

5. **Performance Requirements:** Must handle thousands of simultaneous applications during peak periods.
1) provide status ~~app~~ updates within 10 sec of processing changes.
2) Uploads must happen without failure.

6. **Design Constraints:-** Must comply with govt. security and privacy standards.
1) Identity verification must be there for external databases.
2) Scalable for growing no. of applications over years.

7. **Non-functional Attributes:-**
1) Ensure end-to-end encryption of personal data.
2) System must guarantee 99.9% uptime.
3) Handle increasing user traffic over time without performance degradation.

8. **Preliminary schedule:-**
   Development Time = 12 months
   Budget = $100,000   (overall)

30/9/2024

5) Passport Automation System

Applicant
- Name : string
- -father name : String
- DOB : Integer
- Permanent Addr : string
- email id : string
- ph. no : Integer
- pan no : Integer
- application no : Integer
- pswrd : string

- login ()
- submit detail ()
- check status ()

passport Administrator
- username : string
- pswrd : String

- login ()
- verify ()
- update ()

Database
- name : string

- store ()

police
- username : string
- password : string

- login ()
- verify ()
- update ()

Regional Administrator
- username : string
- pswrd : string

- login ()
- verify ()
- update ()

verifies 1 — reviews 1
verifies 1
1 accesses
stores 1 — stores 1
stores
stores 1
1 verifies
verifies 1
reviews 1
1 accesses