iii) ~~Stock~~ Passport Automation System:

1. Introduction

1.1 Purpose of this document:

This document outlines the design and requirements for a PAS aimed at simplifying and speeding up the passport application process.

1.2 Scope of this document:

The PAS will automate passport application processing, verification and status tracking. The system will reduce paperwork, improve speed of processing, and provide users with real-time status updates.

1.3. Overview:

The system will allow users to apply for passports online, track their application status, and schedule appointments for verification. Officials will be able to verify applications, update statuses and approve/reject applications.

2. Functional Requirements:

- User registration and login for applicants.
- Document submission and fee payment.
- Status tracking & appointment scheduling.
- Application verification and approvement by officials.

4. Interface Requirements:

- Web-based interface for users and govt officials.
- Secure communication with DBs.
- Integration with payment gateways.

5. Performance Requirements:

- System should process upto 10k applications pm.

- Must handle concurred users during peak time

6. Design constraints:
- Must comply with govt. security standards.
- System should run on a govt-approved platform.
- Use of SQL.

7. Non-functional attributes:
- High level of security.
- System must be portable and adaptable.
- Scalability.

8. Preliminary Schedule & Budget:

8.1 Preliminary Schedule:

6 months.

8.2 Preliminary Budget:
- Development: $10k
- Testing : $4k
- Deployment : $3k
- Miscellaneous: $3k

Total budget : $20k

Sp.T
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