5. Performance requirements:

~~Multiple users~~ The system should perform quickly, processing stock updates in real time and efficiently handling large volumes of data without slowdowns.

6. Design Constraints:

The system must be compatible with the current hardware used by the company and work within the company's existing software framework.

7. Non-functional attributes:

The system should be secure, reliable and scalable to accommodate business growth. It should also have data integrity features to ensure stock data is accurate.

8. Preliminary Schedule and Budget

Total Budget : $20,000

Total time : 3-4 months

   1. Requirements phase - $3000 (3 weeks)
   2. Design phase - $5000 (4 weeks)
   3. Verification phase - $6000 (5 weeks)
   4. Maintenance phase - $6000 (ongoing)

II. Passport Automation System SRS

   1. Introduction:

   1.1 Purpose: This document details the requirements for automating the passport application and processing system.

   1.2 Scope: The system aims to streamline the passport application process, reducing manual efforts and improving efficiency, while estimating the cost and time for implementation.

1.3. **Overview** - The Passport Automation System will simplify the process for applicants and officials, reducing paperwork and automating various stages of passport issuance.

2. General Description :

The system will allow users to apply for a passport online, track their application status, and streamline document verification, reducing the time needed to process passport applications.

3. Functional Requirements :

The system will manage applicant information, document uploads, and automate application tracking. It will also notify applicants of updates and enable appointment scheduling.

4. Interface Requirements :

The system will provide an intuitive interface for both applicants and officials, allowing easy submission and management of applications.

5. Performance Requirements :

The system must handle multiple concurrent applications without lag and process updates in real-time. It must also ensure quick access to application status for users.

6. Design Constraints :

The system must comply with government regulations, using secure protocols to handle sensitive applicant data.

7. Non-Functional Attributes :

It should prioritize data security, be highly reliable, and easily scalable to accommodate a growing number of applicants.

8. Preliminary Schedule and Budget:

Total Budget : $50,000

Total time : 5-6 months.

1. Requirements phase : $7500 (. 4 weeks)
2. Design Phase : $12,500 (6 weeks)
3. Verification (Testing) Phase : $15000 (8 weeks)
4. Maintenance Phase : $15000 (spread time)

CLASSES:

① Library Management System:
(i) Library   (ii) Book   (iii) Member
(iv) Librarian (v) Transaction

② Stock Maintenance System:
(i) Inventory   (ii) Item (iii) Supplier
(iv) Order (v) Warehouse.

③ Passport Automation System:
(i) Passport office (ii) Applicant (iii) Passport
(iv) Passport officer (v) Appointment.

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① Hotel Management System

Hotel
Location:
Name:
Hotel ID:
Register()
Reinovate()

has   1

can be reserved.

Reservation
reserveID:
startDate:
endDate:
status:
confirm()
cancel()

*

Room
RoomNo:
Floor:
Bed no:
price:
Allocate()
clean()
Maintenance()

*   1

Customer
cust ID:
Name:
Contact:
makeReservation()
cancelReservation()

*

1   make reservation