

4. Stock maintenance system

Srs document:

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(ii) web based interface for customers
(iii) integration with external booking platforms

5. performance requirements
(i) must handle atleast 1000 users.
(ii) give response ~~in~~ in time for users

6. design constraints:
(i) system should work in existing hardware of PC
(ii) software should be able to ~~ad~~ adapt future changes

7. non functional attributes:
(i) security: the information of customers, staff should be encrypted, the payment details should not be shared
(ii) reliability: information should be updated ~~in~~ in other online booking platforms

8. preliminary schedule and budget:
(i) time required: system should be developed in 6 months
(ii) estimated budget: \$10,000 for initial development phase

Software requirements specification for stock maintainance system

1. introduction

1.1 purpose:
the purpose of this document is to outline system for a stock maintainance system that helps businesses manage inventory levels, track stock movement, and generate restocking alerts

1.2 scope:
the system will be used by store managers and warehouse personnel to ensure efficient inventory tracking and timely restocking, it will also generate reports to optimize stock management across multiple locations.

1.3 overview:
the stock ~~maintan~~ maintainance system will have modules for inventory tracking, restock alerts, vendor management, and reporting. it will be accessible through desktops and mobile devices

2. general description:

2.1 product perspective:
the system will integrate with existing warehouse management systems to keep track of stock levels and movements in real time

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2.2 user characteristics:

users will include warehouse staff, store managers and suppliers.
the interface will be easy to use for non technical staff

2.3 system constraints:

the system should be operational 24/7 and handle inventory across multiple locations:

3. functional requirements:

- (i) inventory tracking by item, sku and location
- (ii) restocking notifications in inventory falls below threshold levels
- (iii) stock movement logging (inbound, outbound)
- (iv) vendor management for ordering and supply tracking
- (v) reporting on stock levels, turnover and shortages

~~4. interface~~

4. interface requirements:

- (i) web based interface for store managers
- (ii) integration and barcode scanners for stock movement
- (iii) API for integration with third party warehouse systems

5. performance requirements:

- (i) must handle 10,000 sku entries
- (ii) must process stock movement transactions in under 2 seconds

6. design constraints:

- (i) must comply with company hardware infrastructure
- (ii) designed for easy integration with third party erp systems

7. non functional attributes:

- (i) security: ensure data security and restricted access to inventory data
- (ii) scalability: capable of managing inventories for multiple locations warehouses
- (iii) reliability: 99.9% uptime to ensure consistent stock updates

8. preliminary schedule and budget:

- (i) development time line: 7 months
- (ii) estimated budget: \$150,000

software requirements system

1. introduction:

1.1 purpose:

the purpose of this passport automation passport application tracking and app

1.2 scope:

the system will support officers in processing automate many of the status of app

1.3 overview:

the passport automation submission, verification tracking it will be

2. general description:

2.1 product perspective
the system will integrate verification systems

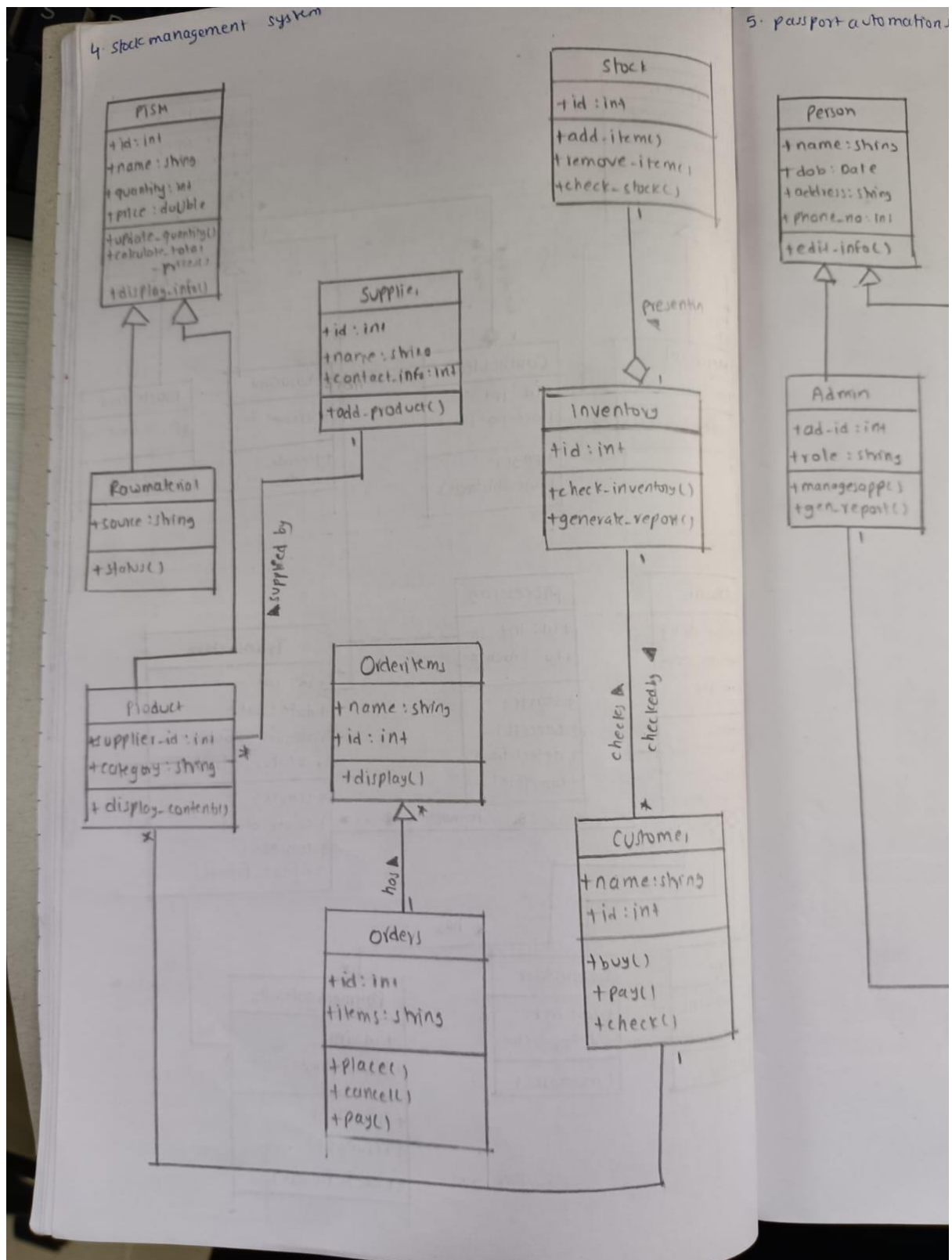
2.2 user characteristics
users will include administrators the complete without

2.3 system constraints
the system must support passport application

3. functional requirements:

- (i) online application
- (ii) biometric verification
- (iii) appointment scheduling
- (iv) application status
- (v) passport issuance
- (vi) reporting for analytics

Class diagram:



Class diagram star uml:

