A picture containing indoor, decorated

Description automatically generated

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Pharmacy Managmenmt System

Software Development Analysis

# Q1: Functional Requirements

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| **Sr. No** | **Requirement** | **Actor** | **Use Case** |
| 1. | System Login | Admin/User | Logging System |
| 2. | Create Records | Admin | Creating Customer Records |
| 3. | Read Records | Admin | Reading Customer Records |
| 4. | Billing | Admin | Generating Billing receipt |
| 5. | Online Order | Customer | Ordering Medicines Online |
| 6. | Selling Medicine | Customer | Selecting Medicines from Menu |
| 7. | Budgeting | Admin | Budgeting of Employees and Store |
| 8. | Recruitment | Admin | Adding Employee Catalog |
| 9. | Store Records | Admin | Storing Customer Records |
| 10. | Delete Record | Admin | Deleting Customer |
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# Q2: USE CASES

## 1:

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| Use Case Name: | System Login |
| Primary Actors: | System ,Admin,and Employees |
| Stakeholders and Interest | System and Admin |
| Precondition | System must’ve have the software app or web portal |
| Post Condition | System successfully rejects or selects a candidate. |
| Main Success Scenario | Admin or employees Successfully login to the system |
| Extension: |  |
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## 2:

|  |  |
| --- | --- |
| Use Case Name: | Recruiting Employees. |
| Primary Actors: | Admin |
| Stakeholders and Interest | System and Admin |
| Precondition | System must’ve the privileges to initialize the recruitment test. |
| Post Condition | System successfully rejects or selects a candidate. |
| Main Success Scenario | 1. Candidate logs in with his respective credentials. 2. AI of System starts the test. 3. System determines the selection/rejection of a candidate. |
| Extension: |  |
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## 3:

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| --- | --- |
| Use Case Name: | Online Ordering |
| Primary Actors: | Customer |
| Stakeholders and Interest | Store and Customer |
| Precondition | Customer must’ve an authorized account and logged in. |
| Post Condition | Customer successfully purchased an order for medicine. |
| Main Success Scenario | 1. Customer log in to website. 2. Chose it’s prescribed medicine. 3. Place the order and selects the payment system. |
| Extension: | In case of order failure, contact support system and make the order again. |
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## 4:

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| --- | --- |
| Use Case Name: | Budgeting of Store |
| Primary Actors: | Admin and System |
| Stakeholders and Interest | System and Admin |
| Precondition | Admin must be logged into system and have permissions to budget catalog. |
| Post Condition | Admin manages and takes account of the monthly, biannually and annually budget of the store. |
| Main Success Scenario | 1. System takes account of every sale. 2. It calculates the profit and loss. 3. Monthly, Biannually and Annually System shows the ROI of the store and growth. |
| Extension: | Update the system to apply new strategies for the PoS. |
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## 5:

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| --- | --- |
| Use Case Name: | Manage Customers Records |
| Primary Actors: | System ,Admin,and Employees |
| Stakeholders and Interest | System and Admin |
| Precondition | System must’ve have the software app or web portal |
| Post Condition | System successfully store customers data and allow us to update. |
| Main Success Scenario | Data successfully managed |
| Extension: |  |
|  |  |

## 6:

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| --- | --- |
| Use Case Name: | Generating Billing receipt |
| Primary Actors: | Admin |
| Stakeholders and Interest | Store and Admin |
| Precondition | Admin must be logged into system and have permissions. |
| Post Condition | Admin successfully generates a billing receipt after selling the medicine. |
| Main Success Scenario | 1. Admin take account of medicines ordered by customer 2. Adds the medicine to system to scan for prices. 3. Generates a Total Bill with receipt |
| Extension: | If Scanner can’t read the medicine bar code, enter the medicine id manually. |
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# Q3: Diagram

