



AMERICAN INTERNATIONAL UNIVERSITY–BANGLADESH (AIUB)

Dept. of Computer Science
Faculty of Science and Technology

CSC2210: OBJECT ORIENTED PROGRAMMING 2

Summer 2023-2024

Section: [D]

Group No: 09

Project Report On

Project Name [*Pharmacy Management System*]

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Obtained Marks for CO2 and CO3 (Description given in the following page)					
Assessment Criteria	Not Attended/ Incorrect (0)	Inadequate (1-2)	Average (3)	Good (4)	Excellent (5)
Evaluation Criteria (CO2)	Total =		Evaluation Criteria (CO3)		Total =
Requirement fulfillment			Organization of the application		
Validation			Representation and Integration of Database		
Verification			Graphical User Interface		

CO2: Display and verify the mean of a real-life Project using the concepts of C# Graphical User Interface based environment with database integration to depict a desktop-based application.

Assessment Criteria	Not Attended/ Incorrect (0)	Inadequate (1-2)	Average (3)	Good (4)	Excellent (5)
Evaluation Criteria	Evaluation Definition				
Requirement fulfillment	Fails to demonstrate any understanding of real-life scenario-based project development or functional requirement identification. There is no attempt to depict a project or identify functional requirements accurately.	Demonstrates limited understanding of real-life scenario-based project development and functional requirement identification. The project depicted lacks coherence or relevance to real-life scenarios, and functional requirements are inaccurately identified or insufficiently described.	Presents a basic depiction of a real-life scenario-based project and identifies some functional requirements. However, the project lacks depth or complexity, and some functional requirements may be vaguely defined or missing key details.	Effectively demonstrates a realistic scenario-based project and accurately identifies most functional requirements. The project is well-developed with appropriate complexity, and functional requirements are clearly articulated with relevant details.	Exhibits an exceptional understanding of real-life scenario-based project development and accurately identifies all functional requirements. The project is meticulously developed with thorough attention to detail, reflecting a comprehensive understanding of Object-Oriented Programming project development activities.
Validation	Fails to demonstrate any understanding or implementation of validation forms in their system. There is no attempt to deal with data validation, and validation requirements are completely ignored or incorrectly applied.	Demonstrates limited understanding of validation forms and data validation techniques. While some attempt may be made to implement validation, it is incomplete or poorly executed, leading to inadequate handling of data validation.	Shows a basic understanding of validation forms and data validation techniques. They attempt to implement validation, but some aspects may be missing or incorrectly implemented, resulting in partial or inconsistent handling of data validation.	Effectively demonstrates the use of validation forms and implements data validation techniques. Validation is mostly accurate and comprehensive, ensuring the proper handling of data input and verification in the system.	Exhibits an exceptional understanding and implementation of validation forms and data validation techniques. Validation is meticulously implemented with thorough attention to detail, ensuring robust data validation procedures and contributing to the overall reliability and integrity of the system.
Verification	Fails to demonstrate any attempt to verify the system data or functional requirements. There is no evidence of understanding or implementation	Demonstrates limited understanding of verification processes and data flow in the system. Verification attempts are incomplete or	Shows a basic understanding of verification processes and attempts to verify system data. However, verification efforts may be inconsistent or	Identifies and verifies system data, ensuring proper functional requirements are met. Verification efforts are mostly accurate and thorough, with attention to	Exhibits an exceptional understanding of verification processes and meticulously verifies system data. Verification efforts are comprehensive

	of verification processes, and data flow is not considered.	inaccurate, and there is insufficient consideration given to ensuring data integrity and functionality.	lack thoroughness, and there may be gaps in ensuring proper functional requirements and data flow.	ensuring data integrity and appropriate data flow within the system.	and precise, with a keen focus on ensuring all functional requirements are met and maintaining proper data flow throughout the system.
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CO3: Prepare and explain a real life desktop based application synthesizing several component of C# along with development tools to adhere the given requirements.

Assessment Criteria	Not Attended/ Incorrect (0)	Inadequate (1-2)	Average (3)	Good (4)	Excellent (5)
Evaluation Criteria	Evaluation Definition				
Organization of the application	Fails to identify any suitable real time application or requirements for project development activities related to OOP.	Limited understanding about the project scopes or scenarios or identification of functional requirements.	Lacks depth or relevance to OOP project development activities and may contain inaccuracies. Real-life scenarios are mentioned, but the discussion lacks depth or clarity.	Consider and integrate the idea of several core aspects of the project along with relevance to real-life scenarios. Demonstrating a solid understanding of the application presentation.	Generalize and exhibits an exceptional understanding of project preparation according to a to real-life scenarios. Also contains proper and insightful identification of the system which is comprehensive and precise.
Representation and Integration of Database	Fails to identify and present any understanding or implementation of database. Also failed to integrate the data with the project itself.	Limited understanding of the database concepts or their proper way of using in a real time project. While some attempt may be made to implement but it is incomplete or poorly executed, leading to inadequate design.	Lacks depth or relevance to database integration with the application. Shows a basic understanding but some aspects may be missing or incorrectly implemented, resulting in partial or inconsistency. May lack proper normalization.	Integrate the database with the forms properly and implements it with proper validation which is mostly accurate and comprehensive, ensuring the proper handling of data input and verification along with general normalization.	Exhibits an exceptional understanding and implementation of database ensuring attention to detail, and robust data manipulation procedures and contributing to the overall clarity.
Graphical User Interface	Fails to present or prepare GUI based application interfaces. There is no evidence of creating or integrating such things according to their usefulness.	Limited understanding of graphical user interfaces. Lack of design knowledge. Very poor attempt to make such things which are currently obsolete or can't be identified as coherent.	Shows a basic understanding of creating user interfaces. Most of them are interconnected but maybe some of them lack it. However, most of it can be described as user friendly.	Effectively identifies and meet the consider the simplicity. Design related works are mostly accurate and taken proper attention to ensuring a user-friendly coherent system.	Exhibits an exceptional work design following a high standard of simple and elegant work. Several controls and mechanism has been organized in a preferred way according to the coherent usage .

Table of Contents :

Contents	Page
Chapter 1: Introduction	5
Chapter 2: User Stories	5-9
Chapter 3: Database	
❖ Use Case Diagram	10
❖ ER-Diagram	11
❖ Class Notation	12-13
❖ Class Diagram	14
❖ Data Dictionary	15-16
❖ SQL Queries	17-20
Chapter 4: Screenshot of forms with figure names	20-31

Pharmacy Management System

(A Windows-Forms Application)

Chapter 1: Introduction

The Pharmacy Management System (PMS) is a Windows Forms application designed to streamline pharmaceutical operations. It involves to administrators, employees and customers, providing an intuitive interface for placing orders and reviewing transactions. This report outlines the system's objectives, functionalities, and implementation details, highlighting its potential to enhance efficiency and improve customer outcomes within pharmacy settings. Notably, our application consists of 22 separately designed forms among which 2 are dynamically created & designed.

Our Pharmacy Management System (PMS) presents a comprehensive solution for optimizing pharmacy operations. Through its user-friendly interface and automation of various tasks such as inventory management, order tracking and customer interactions, the PMS streamlines workflows and reduces the risk of errors. The system facilitates efficient data management and decision-making, ultimately improving operational efficiency and accuracy.

Chapter 2: User stories

User 1 : Admin

Use Case Name	Actor	User Story
Register & Sign-in	Admin	As one of the pivotal user of the system, the admin can uninterruptedly login to the system through just user id & password verification.
View Dashboard	Admin	An admin will be able to frequently view total number of registered admins, employees along with the customers through the Dashboard.
Approve User Status	Admin	Only if an admin activates the status of an user, that user will be able to sign in to the system. Besides, an Admin can deactivate any user from the system to restrict access.

View User	Admin	An admin has the authority to view user details of all the Employees & Customers along with other Admins.
Update Users	Admin	Features of updating users include the right of modifying the status, official email and few other information of newly registered admins, employees or customers.
View Transactions	Admin	An admin will be able to view the completed transactions made by the customers throughout along with the details of particular transaction.
Provide Salary	Admin	It's an essential job of an admin to provide salaries each month to all the workers whom are currently active.
Approve Leave	Admin	An admin holds the power to approve leave application sent by any of the Employee. Until it is being approved, the application remains pending. Only if an Admin approves it, the leave is granted.

User 2 : Employee

Use Case Name	Actor	User Story
Register & Sign-in	Employee	An employee can register for an account and await the admin's approval. After providing approval, the employee will be able to login with registered user id and password.

View Products	Employee	An employee holds the authority to view the already existing products in the system as well as new products added or modified by other employees.
Add Products	Employee	An employee can also add products as requirements. Insertion of product information such as product ID, product name, total stock, unit price and category are controlled by the employee.
Update Products	Employee	An employee holds the authority to modify the already existing product information.
Delete Products	Employee	An employee can will be able to permanently delete any Product from the System for any possible reason.
View Transactions	Employee	An employee will have the scope to have a look at all the transactions completed by the customers as well as view the detail information of a particular transaction.
Apply for Leave	Employee	An employee can apply for leave for a short period of time. If the summation of the durations in total number of leave applications exceeds 4 days, an employee won't be able to successfully apply for the leave anymore.
View Financials	Employee	An employee will be able to view the salary along with bonus that has been provided by the admin during each month entering the financials.
Update Profile	Employee	An employee holds the right to modify his/her account details or initially provided

		personal information as required.
View Product Requests	Employee	An employee can view the product requests sent by customers and review the stock availability & possibility of adding the requested products.

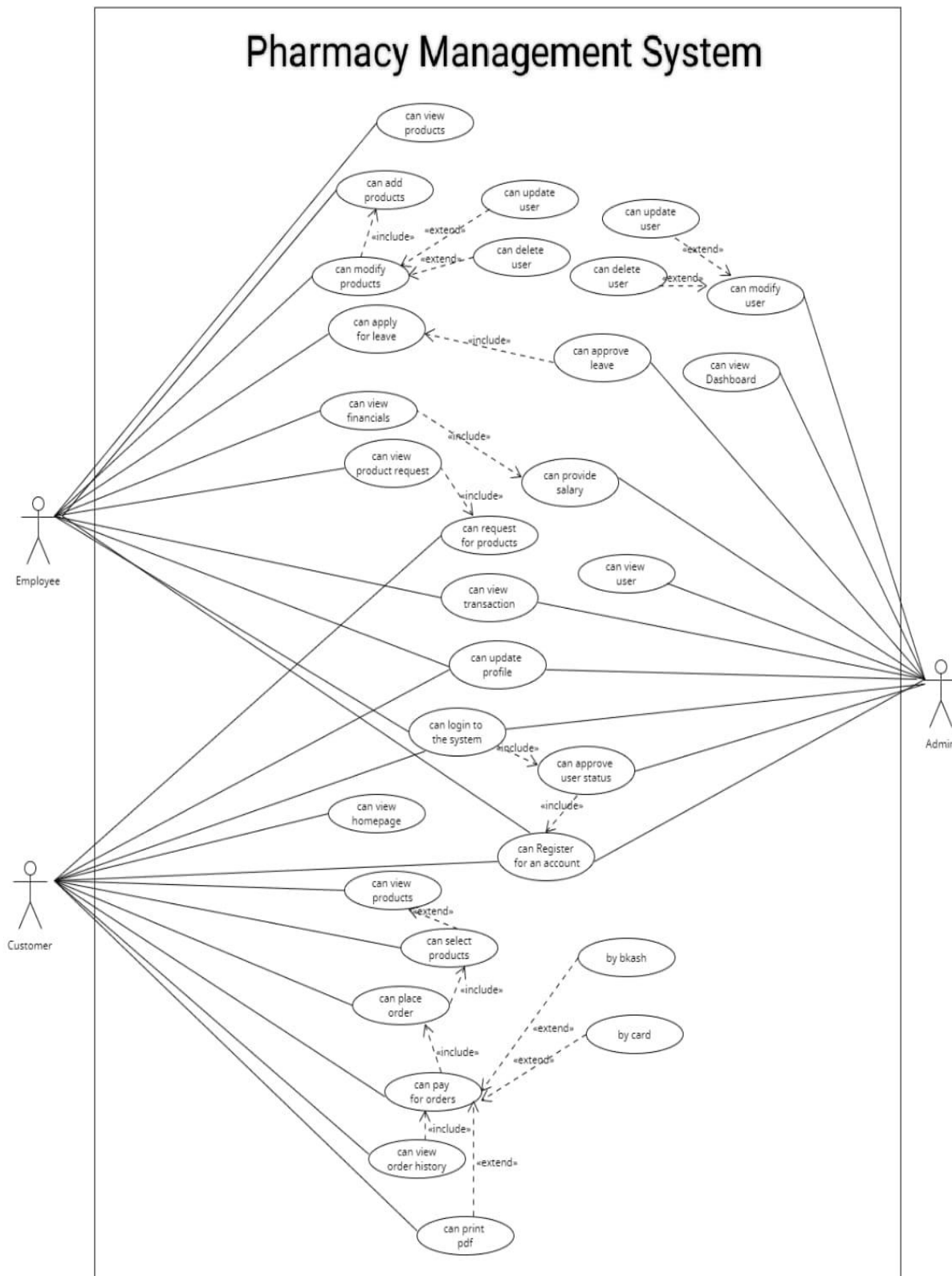
User 3 : Customer

Use Case Name	Actor	User Story
Register & Sign-in	Customer	It's mandatory for a customer to login to the system with valid user id & password and access the available features if he/she is already registered & the status is activated by an admin.
View Products	Customer	A customer can definitely view the available products in different categories in our system which have been added by the employees.
Select Products	Customer	A customer gets the feature to select products according to their choices in any number of available quantities and add them to the cart. In addition, the functionality to remove any product from the cart is also provided to the customers.
Place Order	Customer	From the varieties of available products in our Pharmacy Management System, the customer can add or remove their necessary products from the cart in preferred quantities and place the order afterwards.

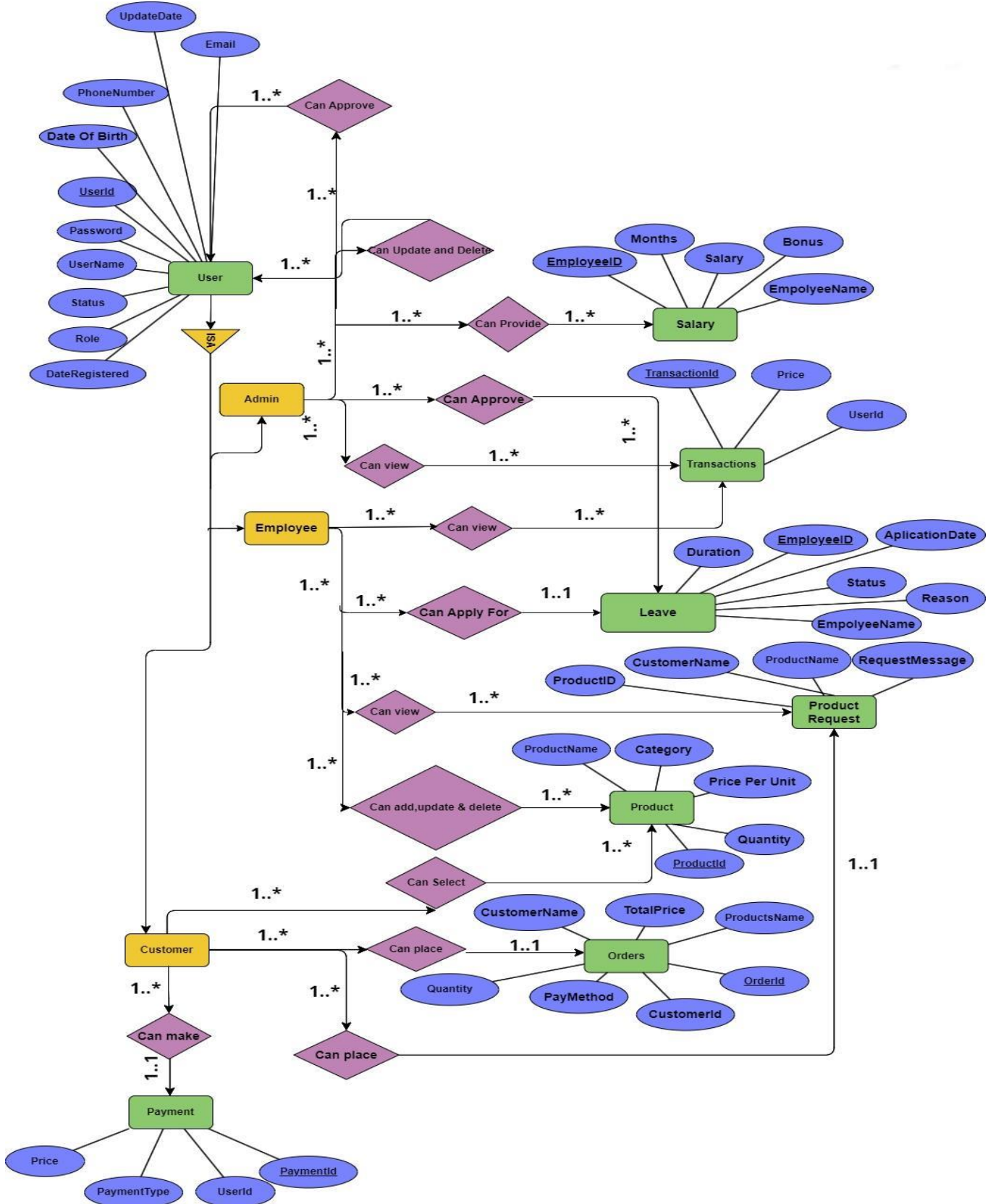
Pay for Order	Customer	It's mandatory for a customer to make payment for through a preferred payment method between bkaash and master card after a successful placement of order.
Print PDF	Customer	The customer has been provided an optional feature to print an invoice of the order placed in portable document format after the completion of transaction successfully. After printing the PDF, the customer will be automatically redirected to the Home Page.
Update Profile	Customer	The customer holds the right to modify his/her account details or initially provided personal information as necessary.
Request for Products	Customer	A customer gets the feature to submit requests to the employee for any product which might be out of stock or low in quantity.
View Order History	Customer	A customer will be able to view the list of the orders that have been placed throughout from a particular account.

Chapter 3: Database

❖ Use case diagram :



❖ ER- Diagram :



❖ **Class Notation :**

User : [Admin, Cashier, Customer]
+ UserId : String - Password : String + Username : String + Role : String + Status : String + DateRegister : Date + Email : String + DateofBirth : Date + PhoneNumber : Long Integer + UpdateDate : Date

Products
+ ProductId : String + ProductName : String + Category : String + PricePerUnit : Double + Quantity : Integer

Order
+ OrderId : Integer + CustomerId : Integer + CustomerName: String + ProductName : String + Quantity : Integer + TotalPrice : Double + PayMethod : String

Leave
+ EmployeeId : String + EmployeeName : String + Reason : String + ApplicationDate : Date + Duration :Integer

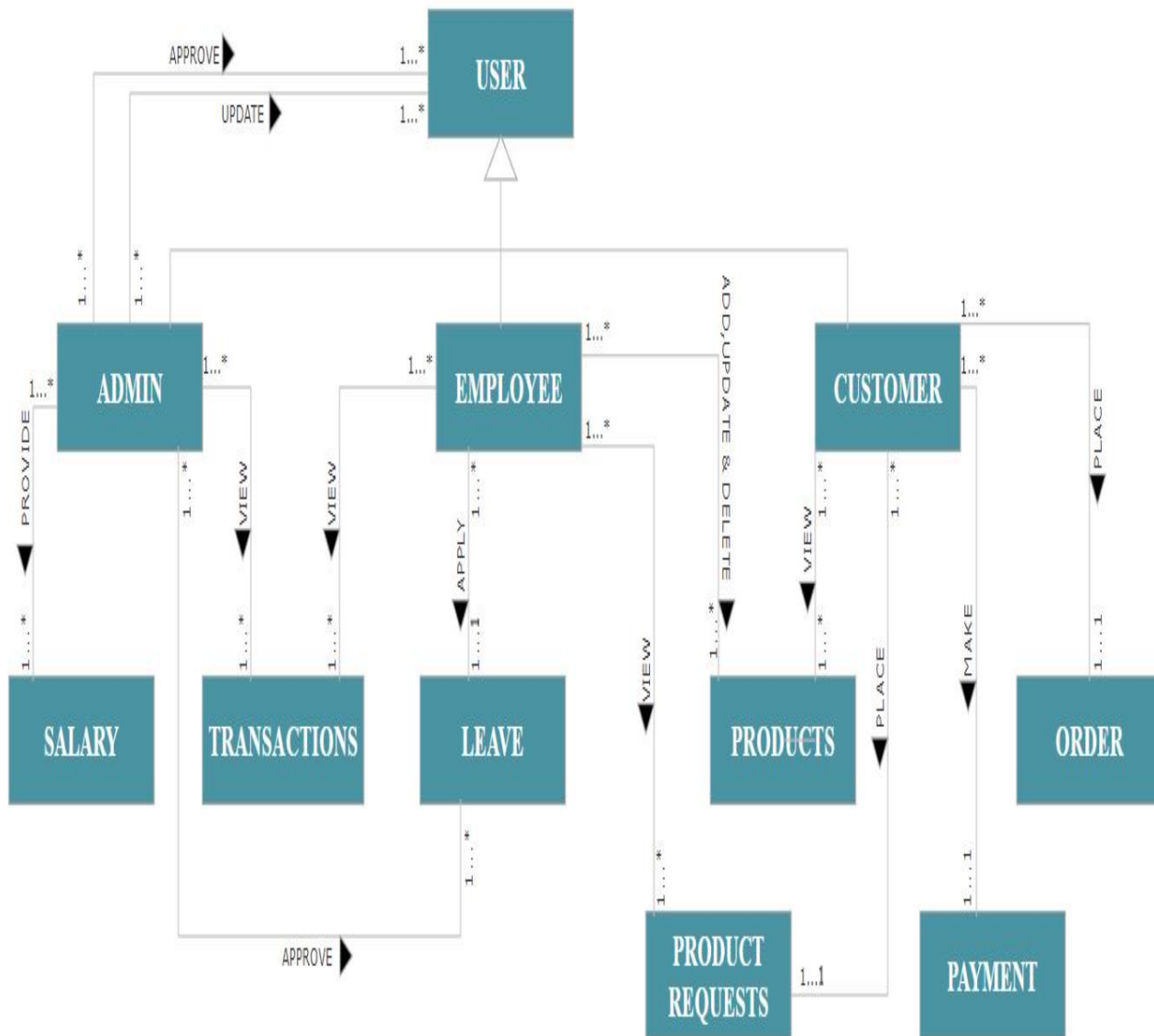
Salary
+ EmployeeId : String + EmployeeName : String + Reason : String + ApplicationDate : Date + Duration :Integer

Transactions
+ TransactionId: Integer + CustomerId : Integer + CustomerName: String + ProductName : String + Quantity : Integer + TotalPrice : Double + PayMethod : String

Product Requests
+ CustomerName: String + ProductId: Integer + ProductName : String + RequestMessage: String

Payment
+ PaymentId : Integer + CustomerId : Integer + CustomerName: String + ProductName : String + Quantity : Integer + TotalPrice : Double + PayMethod : String

❖ **Class Diagram :**



❖ **Data dictionary :**

User Entity :

Key	Name	Data Type	Length	Nullable
Primary	UserId	INTEGER	10	No
	Password	VARCHAR	15	No
	UserName	VARCHAR	50	No
	Status	VARCHAR	10	No
	Role	VARCHAR	10	No
	DateRegistered	DATE	30	Yes
	Email	VARCHAR	50	No
	PhoneNumber	BIGINT	20	No
	DateofBirth	DATE	30	No
	UpdateDate	DATE	30	Yes

Product Entity :

Key	Name	Data Type	Length	Nullable
Primary	ProductId	INTEGER	10	No
	ProductName	VARCHAR	20	No
	Category	VARCHAR	20	No
	Quantity	INTEGER	10	No
	PricePerUnit	FLOAT	10	No

Order Entity :

Key	Name	Data Type	Length	Nullable
Primary	OrderId	INTEGER	10	No
	CustomerId	VARCHAR	10	No
	ProductName	VARCHAR	50	No
	CustomerName	VARCHAR	50	No
	Quantity	INTEGER	5	No
	TotalPrice	FLOAT	15	No
	PayMethod	VARCHAR	10	No

Leave Entity :

Key	Name	Data Type	Length	Nullable
Primary	EmployeeId	VARCHAR	10	No
	EmployeeName	VARCHAR	50	No
	ApplicationDate	DATE	30	Yes
	Duration	INTEGER	10	No
	Reason	VARCHAR	50	No
	Status	VARCHAR	10	No

Salary Entity :

Key	Name	Data Type	Length	Nullable
Primary	EmployeeId	VARCHAR	10	No
	EmployeeName	VARCHAR	50	No
	Salary	Decimal	(10 , 2)	No
	Bonus	Decimal	(10 , 2)	No
	Months	VARCHAR	15	No

Transactions Entity :

Key	Name	Data Type	Length	Nullable
Primary	OrderId	INTEGER	10	No
	CustomerId	VARCHAR	10	No
	ProductName	VARCHAR	50	No
	CustomerName	VARCHAR	50	No
	Quantity	INTEGER	5	No
	TotalPrice	FLOAT	15	No
	PayMethod	VARCHAR	10	No

Product Request Entity :

Key	Name	Data Type	Length	Nullable
	ProductId	VARCHAR	10	No
	ProductName	VARCHAR	50	No
	CustomerName	VARCHAR	50	No
	RequestMessage	VARCHAR	60	No

Payment Entity :

Key	Name	Data Type	Length	Nullable
Primary	OrderId	INTEGER	10	No
	CustomerId	VARCHAR	10	No
	ProductName	VARCHAR	50	No
	CustomerName	VARCHAR	50	No
	Quantity	INTEGER	5	No
	TotalPrice	FLOAT	15	No
	PayMethod	VARCHAR	10	No

❖ SQL Queries :

Table Creation

Create Database	CREATE DATABASE pharmacy;
Create addProducts Table	CREATE TABLE [dbo].[addProducts] ([productId] INT IDENTITY (1, 1) NOT NULL, [productName] VARCHAR (50) NOT NULL, [category] VARCHAR (30) NOT NULL, [quantity] INT NOT NULL, [pricePerUnit] INT NOT NULL, CONSTRAINT [PK__addProdu__2D10D16AC3BE87E9] PRIMARY KEY CLUSTERED ([productId] ASC));
Create userTable Table	CREATE TABLE [dbo].[userTable] ([userName] VARCHAR (50) NOT NULL, [password] VARCHAR (30) NOT NULL, [role] VARCHAR (20) NOT NULL, [dateRegistered] VARCHAR (30) NOT NULL, [userId] VARCHAR (10) NOT NULL, [Email] VARCHAR (50) NOT NULL, [PhoneNumber] VARCHAR (50) NOT NULL, [DateOfBirth] VARCHAR (50) NOT NULL, [Updatedate] DATE NULL, [status] VARCHAR (10) NULL, CONSTRAINT [PK_userTable] PRIMARY KEY CLUSTERED ([userId] ASC));
Create Orders Table	CREATE TABLE [dbo].[Orders] ([OrderId] INT IDENTITY (1, 1) NOT NULL, [ProductsName] VARCHAR (300) NOT NULL, [CustomerName] VARCHAR (50) NOT NULL, [Quantity] INT NOT NULL, [TotalPrice] INT NOT NULL, [PayMethod] VARCHAR (50) NOT NULL, [CustomerId] VARCHAR (10) NULL, CONSTRAINT [PK__Orders__C3905BCFEE51E68E] PRIMARY KEY CLUSTERED ([OrderId] ASC));
Create CustomerRequests Table	CREATE TABLE [dbo].[CustomerRequests] ([CustomerName] VARCHAR (50) NOT NULL, [ProductID] VARCHAR (10) NULL, [ProductName] VARCHAR (50) NOT NULL, [RequestMessage] VARCHAR (100) NOT NULL);

Create leaveapplicationtable Table	CREATE TABLE [dbo].[leaveapplicationtable] ([employeeid] VARCHAR (10) NOT NULL, [employeename] VARCHAR (100) NOT NULL, [applicationdate] VARCHAR (50) NULL, [reason] VARCHAR (255) NOT NULL, [duration] INT NOT NULL, [status] VARCHAR (20) NULL, PRIMARY KEY CLUSTERED ([employeeid] ASC));
Create employeesalary Table	CREATE TABLE [dbo].[employeesalary] ([salary] DECIMAL (10, 2) NOT NULL, [bonus] DECIMAL (10, 2) NOT NULL, [employeeid] VARCHAR (10) NOT NULL, [employeename] VARCHAR (100) NOT NULL, [months] VARCHAR (20) NOT NULL, PRIMARY KEY CLUSTERED ([employeeid] ASC));

Form-wise CRUD Operations

Form Name	Queries
Admin_Dashboard	select count(role) from userTable where role = 'Admin' select count(role) from userTable where role = 'Employee' select count(role) from userTable where role = 'Customer'
Admin_Leave_Approval	UPDATE leaveapplicationtable SET status = 'Approved' WHERE employeeid = '{leaveApplicationId}'
Admin_Update_User	update userTable set Updatedate = ''+UpdateDate+ '',Email = '' + Email+ '',dateRegistered = ''+dateRegistered+ '',role = ''+role+ '',status = ''+status+ '' where userId like '' + textBox3.Text + ''%
Admin_User_Status_Approval	UPDATE userTable SET status = @status WHERE userId = @userId
Admin_View_User	select * from userTable where userName like '''+textBox1.Text+''%' DELETE FROM userTable WHERE userName LIKE '' + textBox1.Text + ''%'

Admin_Provide_Salary	"INSERT INTO employeesalary (employeeId, employeeName, months, salary, bonus) " + "VALUES (@employeeId, @employeeName, @month, @salary, @bonus);
Customer_Update_Profile	UPDATE userTable SET email = @Email, PhoneNumber = @Contact, DateOfBirth = @Dob, Updatedate = GETDATE() WHERE userId = @userId"
Employee_Update_Profile	SELECT COUNT(*) FROM userTable WHERE userId = @userId AND password = @Password"; UPDATE userTable SET email = @Email, PhoneNumber = @Contact, DateOfBirth = @Dob, Updatedate = GETDATE() WHERE userId = @userId;
Employee_Leave_Application	INSERT INTO leaveapplicationtable (employeeid, employeename, applicationdate, reason, duration, status) VALUES ('{employeeid}', '{employeename}', '{applicationdate}', '{reason}', '{duration}', 'Pending');
Employee_Add_Products	INSERT INTO addProducts(productName, category, quantity, pricePerUnit) VALUES(@productName, @category, @quantity, @pricePerUnit) UPDATE addProducts “ + “SET productName = @productName, category = @category, quantity = @quantity, pricePerUnit = @pricePerUnit “ + “WHERE productName = @productName DELETE FROM addProducts WHERE productId=@productId;
Customer_Select_Products	UPDATE addProducts SET quantity = quantity - @SelectedQuantity WHERE productId = @ProductId SELECT COUNT(*) FROM userTable WHERE userId = @userId AND userName = @userName INSERT INTO Orders (ProductsName, CustomerName, Quantity, TotalPrice, PayMethod, CustomerId)VALUES (@ProductsName, @CustomerName, @Quantity, @TotalPrice, @PayMethod, @CustomerId) SELECT * FROM addProducts WHERE productName LIKE ‘%’ + this.txtSearchByName.Text + ‘%’ SELECT * FROM addProducts WHERE category = ‘’ + this.cmbSearch.Text + ‘’

Registration_Form	"INSERT INTO userTable (userName, Email, PhoneNumber, DateOfBirth, Role, UserId, Password, dateRegistered) " + "VALUES (@userName, @Email, @PhoneNumber, @DateOfBirth, @Role, @UserId, @Password, @dateRegistered)";
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Chapter 4: Screenshot of forms with figure names:

Common User Forms

The screenshot shows a web browser window titled "Registration" for a "Pharmacy Management System". On the left is a dark blue sidebar with a large white circle containing a green plus sign, and the text "PHARMACY MANAGMENT SYSTEM" below it. The main content area has a light blue header with a cartoon doctor icon and the system name. The registration form includes the following fields and controls:

- Email:** A text input field.
- Phone Number:** A text input field.
- Date of Birth:** A date picker showing "Thursday, October 3, 2024".
- Choose Your Role:** A dropdown menu with a green arrow.
- Username:** A text input field.
- Password:** A text input field.
- Confirm Password:** A text input field.
- Show Password:** A checkbox.
- < Log In:** A green button.
- Sign Up >:** A green button.
- Contact Us:** A button at the bottom.

Figure : Registration Form

Pharmacy Management System

PHARMACY
MANAGEMENT SYSTEM

LOGIN ACCOUNT

User ID

Password

☐ ShowPassword

[Sign In](#)

[Don't have an Account?](#)

[Register](#)

[Contact Us](#)

Figure : Login Form

Pharmacy Management System

	userName	Email	PhoneNumber
▶	Rakib	rakib974@gmail.com	01947853732
	Farseen	rakib974@gmail.com	01998877665
*			

[Employees](#)

[Back](#)

Figure : Contact Admin & Employee Form (With Dynamic Buttons)

Admin Forms

Pharmacy Management System

Admin

- Dashboard
- Status Approval
- Update User
- View User
- Leave Approval
- View Transaction
- Provide Salary
- Log Out

Dashboard

Admin

Tasks Performed

- *View Dashboard
- *User Status Approval
- *Update User
- *View User
- *View Transaction
- *Provide Salary
- *Approve Leave

Total Number of Admin

2

Employee

Tasks Performed

- *View Products
- *Modify Products
- *Apply for Leave
- *View Transaction
- *Profile Update
- *View Financials
- *View Product Requests

Total Number of Employee

1

Customer

Tasks Performed

- *View Home Page
- *Select Products
- *Pay for Order
- *Print PDF
- *Profile Update
- *Request for Products
- *View Order History

Total Number of Customer

3

Figure : Admin Dashboard Form

Pharmacy Management System

Admin

- Dashboard
- Status Approval
- Update User
- View User
- Leave Approval
- View Transaction
- Provide Salary
- Log Out

Status Approval

Select	userNam	password	role	dateRegi	userid	Email	PhoneNu	DateOfBi	Updated	status
☒	Rakib	ra02	Admin	9/28/2...	AD-001	rakib97...	019478...	Jan 15 ...	10/2/2...	Active
☐	Farseen	fa01	Admin	9/28/2...	AD-002	rakib97...	019988...	Sep 29...	10/2/2...	Active
☐	rakib	mr	Customer	Oct 2 ...	CU-005	sdjhsui...	895083...	Oct 2 ...		Inactive
☐	Nishat	ni06	Customer	Oct 2 ...	CU-006	nish@g...	017766...	2024-1...	10/2/2...	Active
☐	rakib	mr	Customer	Oct 2 ...	CU-007	tuyuu...	123	2024-1...	10/2/2...	Active
☐	Sadia	sa01	Employ...	Oct 2 ...	EM-001	saaa@...	016484...	2024-1...	10/2/2...	Active
☐										

Figure : User Status Approval Form

Pharmacy Management System



Admin

- Dashboard
- Status Approval
- Update User
- View User
- Leave Approval
- View Transaction
- Provide Salary
- Log Out

View User

Username

	userId	userName	password	role	dateRegistered	status
▶	AD-001	Rakib	ra02	Admin	9/28/2024	Active
	AD-002	Farseen	fa01	Admin	9/28/2024	Active
	CU-005	rakib	mr	Customer	Oct 2 2024 2:37...	Inactive
	CU-006	Nishat	ni06	Customer	Oct 2 2024 2:50...	Active
	CU-007	rakib	mr	Customer	Oct 2 2024 4:24...	Active
	EM-001	Sadia	sa01	Employee	Oct 2 2024 2:51...	Active
*						

 Delete

Figure : View User Form

Pharmacy Management System



Admin

- Dashboard
- Status Approval
- Update User
- View User
- Leave Approval
- View Transaction
- Provide Salary
- Log Out

Leave Approval

	employeeid	employeename	applicationdate	reason	duration	status
▶	EM-001	Sadia	Wednesday, Oct...	Family Emergency	2	Approved
	EM-002	Tony	Wednesday, Oct...	Religious Observ...	3	Pending
*						

 Approve

Figure : Leave Approval Form

Pharmacy Management System



Admin

- Dashboard
- Status Approval
- Update User
- View User
- Leave Approval
- View Transaction
- Provide Salary
- Log Out

Completed Transactions

Orderid	ProductsName	CustomerName	Quantity	TotalPrice	PayMethod
1018	Bain Syrup, Menth...	Niahat	11	2378	Bkash
1019	Serum, Napa (16, 5)	rakib	21	4722	Bkash

Figure : View Transaction Form

Pharmacy Management System



Admin

- Dashboard
- Status Approval
- Update User
- View User
- Leave Approval
- View Transaction
- Provide Salary
- Log Out

Give Employee Salary

Employee ID

Employee Name

Month

Select a month ▼

Salary Amount

Bonus Amount

Done

Reset

Figure : Provide Salary Form

Employee Forms

Pharmacy Management System



Employee

- Financials
- Apply for Leave
- View Products
- Profile Update
- View Transaction
- Product Requests
- Log out

Salary and Bonus

	salary	bonus	employeeid	employeenname	months
▶	24000.00	2000.00	EM-001	Neloy	January
*					

Enter Your ID

Figure : Financials Form

Pharmacy Management System



Employee

- Financials
- View Products
- Apply for Leave
- Update Information
- View Transaction
- Product Requests
- Log Out

Apply for Leave

Employeeid

EmployeeName

ApplicationDate

Reason

Duration

Figure : Leave Application Form

Pharmacy Management System

Employee

- Financials
- Apply for Leave
- View Products
- Profile Update
- View Transaction
- Product Requests
- Log out

Search Product Name

Product Name

Category

Quantity

Price Per Unit

Insert

Update

Delete

	productId	productN	category	quantity	pricePerL
▶	1004	Rosutin	Health ...	320	105
	1005	Montair	Health ...	360	225
	1007	Panten...	Beauty...	240	650
	1008	CoralCal	Health ...	265	120
	1009	Bain S...	Baby &...	220	490
	1010	Baby R...	Baby &...	310	900
	1011	Menthol	Natural...	274	32
	1012	Isugul	Natural...	227	165
	1013	Saline	Health ...	300	10
	1014	Thyrox	Health ...	245	40
	1015	Sergel	Health ...	270	60
	1016	Honey	Natural...	205	1050
	1017	Fexo	Health ...	208	26
	1018	Dove	Beauty...	212	120
	1019	Serum	Beauty...	174	330

Figure : View Product Form

Pharmacy Management System

Hi, Employee!

Update Profile > Details

- Financials
- View Products
- Apply for Leave
- Update Information
- View Transaction
- Product Requests
- Log Out

Profile Update

User Id

E-mail

Contact

Date Of Birth

Password

Update

Reset

Figure : Employee Profile Update Form

Pharmacy Management System



Employee

- Financials
- Apply for Leave
- View Products
- Profile Update
- View Transaction
- Product Requests
- Log out

Completed Transactions

OrderId	ProductsName	CustomerName	Quantity	TotalPrice	PayMethod
1018	Bain Syrup, Menth...	Nishat	11	2378	Bkash
1019	Serum, Napa (16, 5)	rakib	21	4722	Bkash

Figure : View Transaction Form

Pharmacy Management System



Employee

- Financials
- View Products
- Apply for Leave
- Update Information
- View Transaction
- Product Requests
- Log Out

Product Requests Sent from Customers

CustomerName	ProductName	RequestMessage
Rashid	Atova	Low quantity
Shakib	AT-50	Emergency need
Shakib	Rota	High price
Nishat	Frt02	Restore stock
rakib	qwe	Emergency need

Figure : Product Requests Form

Customer Forms

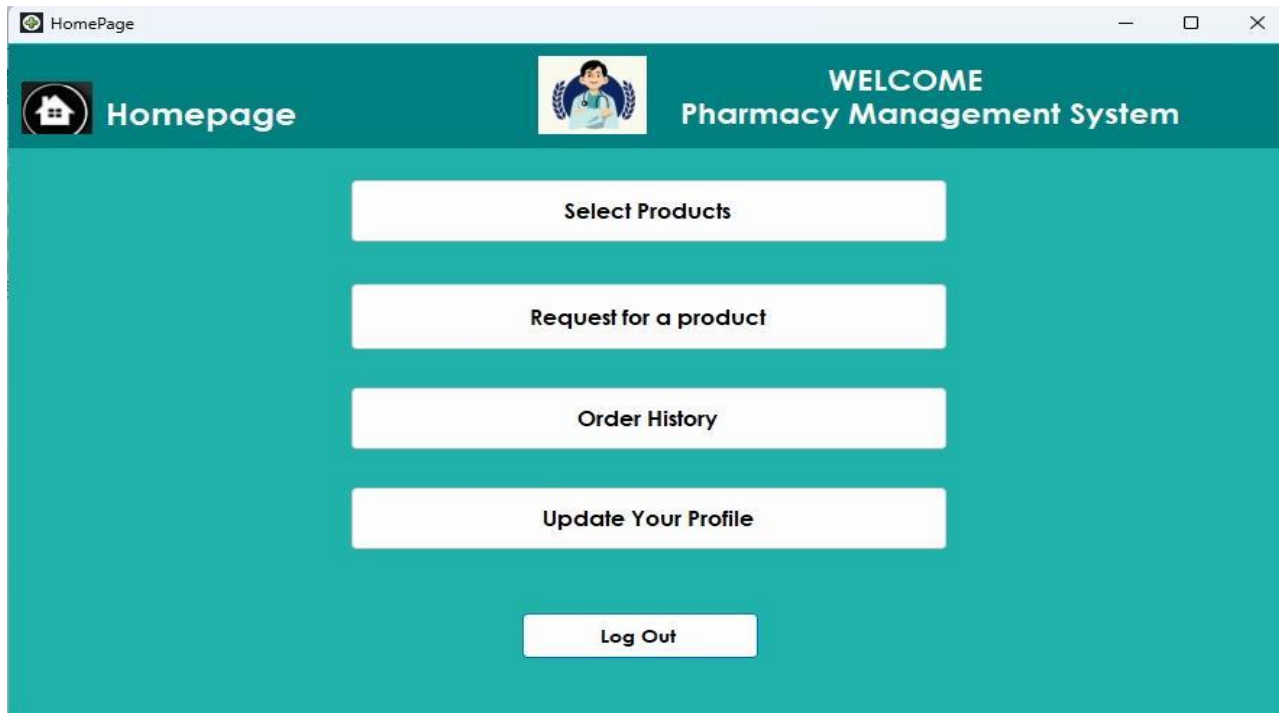


Figure : Home Page

ProductList

Back to Home

Product List

Search by Name :

Search by Category :

Refresh

Quantity

ADD

Remove

Total (+)

1253

Quantity

9

Discount

125

GrandTotal

1128

Customer ID

CU--06

Customer Name

Nishat

Insert Payment

Bkash

Place Order

ID	Product Name	Category	Available Quantity	Price Per Unit
1004	Rosutin	Health Care	320	105
1005	Montair	Health Care	355	225
1007	Pantene Shampoo	Beauty Care	240	650
1008	CoralCal	Health Care	265	120
1009	Bain Syrup	Baby & Mom Care	220	490
1010	Baby Rub	Baby & Mom Care	310	900
1011	Menthol	Natural Care & Wellness	270	32
1012	Isbugul	Natural Care & Wellness	227	165
1013	Saline	Health Care	300	10
1014	Thyrox	Health Care	245	40
1015	Sergel	Health Care	270	60
1016	Honey	Natural Care & Wellness	205	1050

Placed Order List

ID	Product Name	Quantity	Total Price
1005	Montair	5	1125
1011	Menthol	4	128

Figure : Select Products Form

Pharmacy Management System



Mobile Payment



bKash

Mobile Number
01556364877

Input The Value

Verification Code
45795

PIN
1355

Proceed to Pay

Figure : Bkash Payment Form

Pharmacy Management System



Card Payment



Card Holder Name
|

Expire date
Monday , September 30, ▾

Card Number
|

CVC
|

Proceed To Pay

Figure : MasterCard Payment Form

Back to Home

Your Order History

	OrderId	ProductsName	CustomerName	Quantity	TotalPrice	PayMethod	CustomerId
▶	1018	Bain Syrup, Menthol (5, 6)	Nishat	11	2378	Bkash	CU-006
	1020	Montair, Menthol (5, 4)	Nishat	9	1128	Bkash	CU-006
*							

Figure : Order History Form (Dynamically Created)

Enter your name:

Enter Product Name:

Select Request Message:

Figure : Product Request Submission Form (Dynamically Created)

Pharmacy Management System

Hi, Customer!

Update Profile > Details

Select Products

Home Page

Update Information

Log Out

Profile Update

User Id

E-mail

Contact

Date Of Birth

Friday , October 4, 20

Password

Update Reset

Figure : Customer Profile Update Form