



Department of Computer Science

Term Project Proposal, Fall 2021-22

Course	OBJECT ORIENTED PROGRAMMING 2	Group	06
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Group Members:

Student ID	Name	Contribution
20-42743-1	Golam Shahriar Toky	Functionality, Feature, managing project, UI designing
20-42794-1	Shah Nawaj Fahim	Database design, database connections, code testing
20-43656-2	Kangkhita Zaman Urbee	Ui design, form creation

Project Title:

Pharmacy Management System [PMS]

Project Description:

- Company
 - Managing companies
 - Keeping track of companies
 - Delete rejected company
 - Calculate the expenditure

- Medicine
 - Take the list of existing medicine
 - Checking the quantity of existing pills
 - Keeping track of the current price of the medicine
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- Employee
 - Managing the list of working people
 - Keep the workers phone number
 - Making list of the employees accordingly

- Admin
 - Maintain confidentiality
 - Login as the owner

Use Feature Name	Actor	Feature Story
Login	USER	As a admin (user of the system) I want to use the application and enjoy the functionality
Show all items	USER	Admin can see all the saved data by clicking this
Update	USER	Admin can update Employee , Company and Medicine data
Delete button	USER	Admin need to click this button to delete selected item
Enter seller id	admin	Admin have to input buyer id whom account he want to delete
Back	USER	User can get to the HOME page of the application
Logout	USER	Admin can logout from the system
Exit	USER	User can close the application

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[Data Dictionary (Database schema example in given in the next page)

Table_1

Table name: Medicine

Key	Name	Data Type	Length	Nullable
Primary	MedId	INTEGER		No
	MedName	VARCHAR	50	No
	MedPrice	VARCHAR	50	No
	MedQuantity	VARCHAR	VARCHAR	No

Table_2

Table name: Companies

Key	Name	Data Type	Length	Nullable
Primary	ComId	INTEGER	10	No
	ComPhone	VARCHAR	50	No
	ComBill	VARCHAR	50	YES

Table_3

Table name: Employee

Key	Name	Data Type	Length	Nullable
Primary	EmployeeId	INTEGER	10	No
	EmployeeName	VARCHAR	50	No
	EmployeeAge	VARCHAR	50	YES
	EmployeePhone	VARCHAR	50	NO

<ul style="list-style-type: none"> • Database Connection Class. • Normalized DB (2NF) • Form Validation 	<ul style="list-style-type: none"> • Use of delegates • OOP Principles • Application Layer (Form Design). 	<ul style="list-style-type: none"> • Database CRUD operations • All the Forms MUST be connected. • n-Tier Architecture. • Entity Classes
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Project Description Example:

- The project comes with an organizing system of pharmacy management. Here only the admin gets to log in and enjoy the features where there is an ordered list for companies, existing- non existing medicines and also for the workers working. The admin can easily keep in track with the help of this project by maintaining simple and beautiful UI based application.

Example for User Stories,

Use Feature Name	Actor	Feature Story
Sign In	Admin	As an admin of the system, I want to sign-in to the system to access the features of the system.