



Sri Lanka Institute of Information Technology

Information Technology Project (IT2080)  
2021

**Database Diagram Activity**

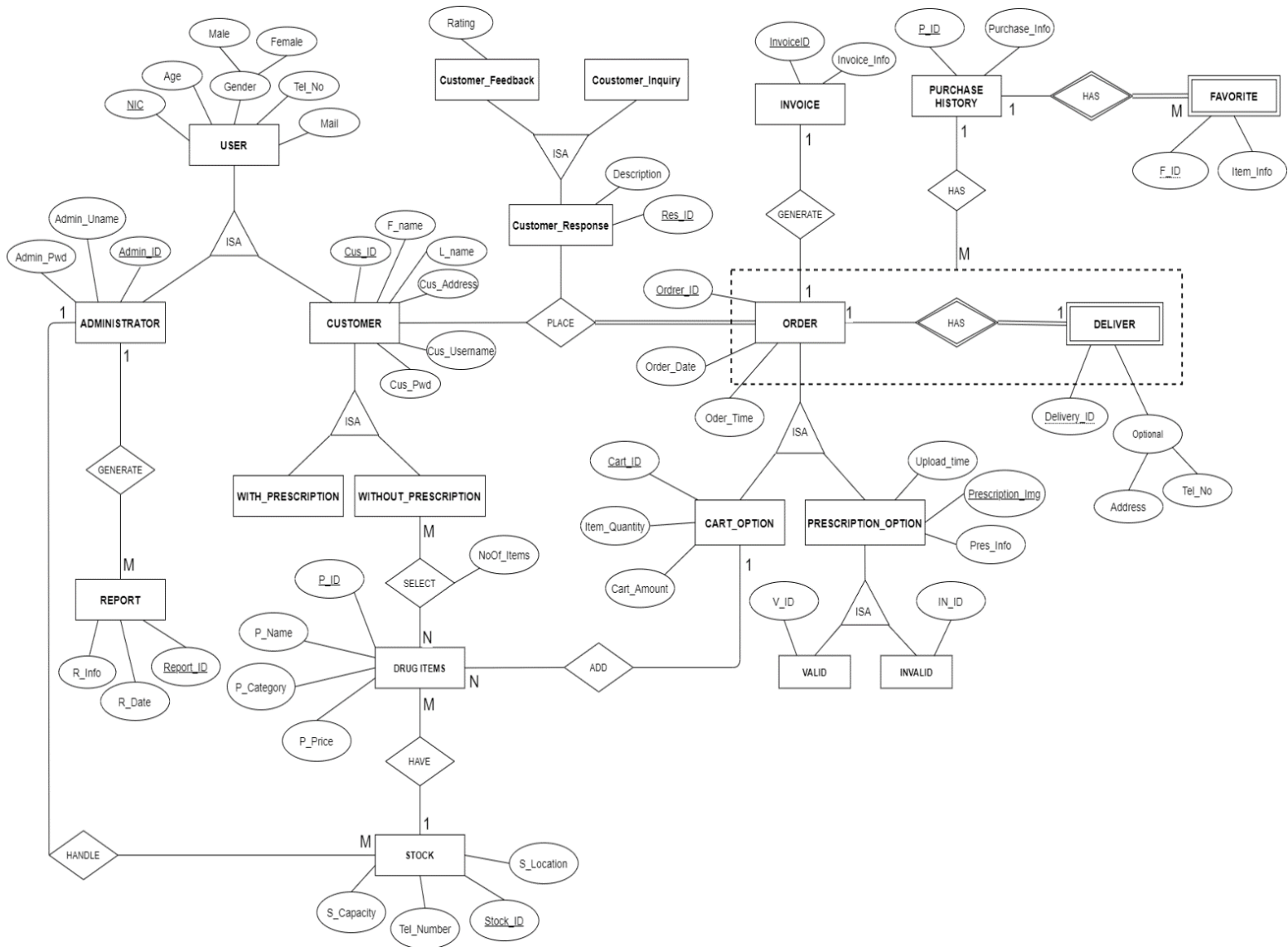
**Online Pharmaceutical Ordering System  
for Healthymart Pharmacy**

**ITP2021\_S2\_B05\_G02**

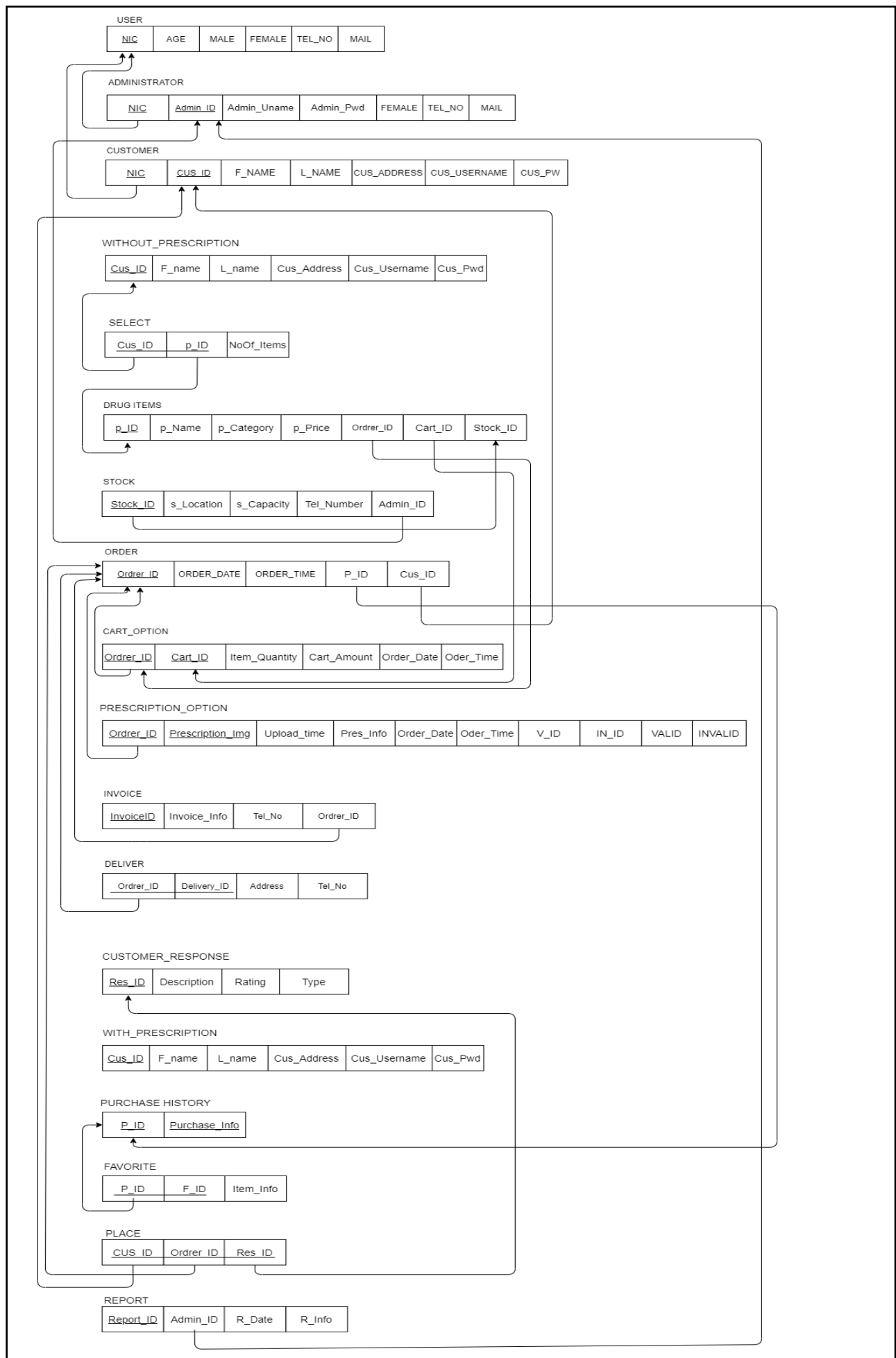
Lecture Group No: 5.1/Batch No: 5

	Registration Number	Name with Initials
1.	IT20189594	Rathnayake R.K.A.R
2.	IT20200206	Mallawarachchi S.M.A.
3.	IT20148454	Dilshan A.J.Y.J
4.	IT20191788	Wijesiriwardana H.G.N.D
5.	IT20126292	Silva K.V
6.	IT20124076	Manaram.M.G.T
7.	IT20129576	Jayawardana J.K.M.D.T
8.	IT20187132	Asahara G.A

## ER DIAGRAM



## RELATIONAL SCHEMA



## TABLE WITH SAMPLE RECORDS

USER					
<u>NIC</u>	AGE	MALE	FEMALE	TEL_NO	MAIL
<b>123456789V</b>	25	Male	NULL	0712314345	sample@gmail.com

Primary key (NIC) References ADMINISTRATOR (NIC)

ADMINISTRATOR			
<u>NIC</u>	<u>Admin_ID</u>	Admin_Uname	Admin_Pwd
<b>902477351V</b>	A0001	Dulaj69	Dulaj@200

Super key (NIC & Admin\_ID) References ADMINISTRATOR (Admin\_ID)

Foreign key (NIC) References USER (NIC)

CUSTOMER						
<u>NIC</u>	<u>Cus_ID</u>	F_Name	L_Name	Cus_Address	Cus_Username	Cus_Pwd
<b>123456789V</b>	C0001	Janith	Dilshan	No.69, Thissamaharama	Jana1999	Jana@2021

Super key (NIC & Cus\_ID) References CUSTOMER (Cus\_ID)

Foreign key (NIC) References USER (NIC)

WITHOUT_PRESCRIPTION					
<u>Cus_ID</u>	F_name	L_name	Cus_Address	Cus_Username	Cus_Pwd
<b>C0001</b>	Janith	Dilshan	No.69. Thissamaharama	Jana19999	Jana@2021

Primary key (NIC) References WITHOUT\_PRESCRIPTION (NIC)

SELECT		
<u>Cus_ID</u>	<u>P_ID</u>	NoOf_item
<b>C0001</b>	P001	2

Composite key (Cus\_ID & P\_ID) References SELECT (P\_ID)

DRUG_ITEMS						
<u>P_ID</u>	P_Name	P_Category	P_Price	Order_ID	Stock_ID	Cart_ID
<b>P001</b>	Blood Pleasure Machine	Electric	2800	O101	S1	C1

Primary key (P\_ID) References DRUG\_ITEM (P\_ID)

Foreign key (Order\_ID) References ORDER (Order\_ID)

Foreign key (Stock\_ID) References STOCK (Stock\_ID)

Foreign key (Cart\_ID) References CART\_OPTION (Cart\_ID)

STOCK				
<u>Stock_ID</u>	S_Location	S_Capacity	Tel_Number	Admin_ID
<b>S1</b>	Gampaha	5	0332286677	A0001

Primary key (Stock\_ID) References STOCK (Stock\_ID)

ORDER				
<u>Order_ID</u>	Order_Date	Order_Time	P_ID	Cus_ID
<b>O101</b>	02/08/2021	09:00	P001	C00001

Primary key (Order\_ID) References ORDER (Order\_ID)

Foreign key (P\_ID) References PURCHASR\_HISTORY (P\_ID)

Foreign key (Cus\_ID) References CUSTOMER (Cus\_ID)

CART_OPTION					
<u>Order_ID</u>	<u>Cart_ID</u>	Item_Quantity	Cart_Amount	Order_Date	Order_Time
<b>O101</b>	C1	2	5600	02/08/2021	09:00

Super key (Order\_ID & Cart\_ID) References CART\_OPTION (Cart\_ID)

Foreign key (Order\_ID) References ORDER (Order\_ID)

PRESCRIPTION_OPTION									
<u>Order_ID</u>	<u>Prescription_Img</u>	Upload_time	Pres_Info	Order_Date	Order_Time	V_ID	IN_ID	VALID	INVALID
<b>O101</b>	Sample.jpg	13:15	.....	03/09/2021	13:15	Valid	NULL	T	F

Super key (Order\_ID & Prescription\_Img) References PRESCRIPTION\_OPTION (Prescription\_Img)

Foreign key (Order\_ID) References ORDER (Order\_ID)

INVOICE			
<u>InvoiceID</u>	Invoice_Info	Tel_No	Order_ID
<b>I001</b>	.....	0716487579	O101

Primary key (InvoiceID) References INVOICE (InvoiceID)

DELIVERY			
<u>Order_ID</u>	<u>Delivery_ID</u>	Address	Tel_No
<b>O101</b>	D001	No.69. Thissamaharama	0716487579

Composite key (Delivery\_ID & Order\_ID) References DELIVERY (Delivery\_ID)

Foreign key (Order\_ID) References ORDER (Order\_ID)

CUSTOMER_RESPONSE			
<u>Res_ID</u>	Description	Rating	Type
<b>R0001</b>	Good service	4.6	Feedback

Primary key (Res\_ID) References CUSTOMER\_RESPONSE (Res\_ID)

WITH_PRESCRIPTION					
<u>Cus_ID</u>	F_Name	L_Name	Cus_Address	Cus_Username	Cus_Pwd
<b>C0002</b>	Nadun	Kularathne	No.12/c Gumpaha	Nadun20	Nadun@20#

Primary key (Cus\_ID) References CUSTOMER (Cus\_ID)

PURCHASE_HISTORY	
<u>P_ID</u>	Purchase_Info
<b>P001</b>	.....

Primary key (P\_ID) References PURCHASE\_HISTORY (P\_ID)

FAVORITE		
<u>P_ID</u>	<u>F_ID</u>	Item_Info
<b>P001</b>	F001	.....

Composite key (P\_ID & F\_ID) References FAVORITE (F\_ID)

Foreign key (P\_ID) References PURCHASE\_HISTORY (P\_ID)

PLACE		
<u>Cus_ID</u>	<u>Order_ID</u>	<u>RES_ID</u>
<b>C0001</b>	O101	R0001

Composite key (Cus\_ID & Order\_ID & RES\_ID) References CUSTOMER (Cus\_ID)/ ORDER (Order\_ID)/ CUSTOMER\_RESPONSE (RES\_ID)

Foreign key (Cus\_ID) References CUSTOMER (Cus\_ID)

Foreign key (Order\_ID) References ORDER (Order\_ID)

Foreign key (RES\_ID) References PURCHASE\_HISTORY (RES\_ID)

REPORT			
<u>Report_ID</u>	Admin_ID	R_Date	R_Info
<b>RE002</b>	A0001	20/08/2021	.....

Primary key (Report\_ID) References REPORT (Report\_ID)