

FITNESS MANAGEMENT SYSTEM

GUIDED BY:

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TABLE STRUCTURE

Users Table

<u>Field</u>	<u>Type</u>	<u>Null</u>	<u>Key</u>	<u>Extra</u>
User_id	Int	No	PRIMARY KEY	Auto_Increment
First_Name	Varchar(30)	No		
Last_Name	Varchar(20)	No		
Photo	LongBlob	Yes		
Email	Varchar(40)	No	UNIQUE KEY	
Password	Varchar(30)	No		
Contact_no	Varchar(20)	No	UNIQUE KEY	
User_role	Varchar(20)	No		
Branch_id	Int	Yes	FOREIGN KEY	

Fitness Branch Table

<u>Field</u>	<u>Type</u>	<u>Null</u>	<u>Key</u>	<u>Extra</u>
Branch_id	Int	No	PRIMARY KEY	Auto_Increment
Branch_Name	Varchar(30)	No		
Branch_info	Varchar(100)	Yes		
Contact	Varchar(30)	No	UNIQUE KEY	
Address	Varchar(50)	No		

Monthly Fitness Report Table

<u>Field</u>	<u>Type</u>	<u>Null</u>	<u>Key</u>	<u>Extra</u>
Report_id	Int	No	PRIMARY KEY	Auto_Increment
Month	Varchar(20)	Yes		
Start_Date	Date	No		
End_Date	Date	No		
Fat %	Double	Yes		
Muscle %	Double	Yes		
Weight	Double	Yes		
Height	Double	Yes		
Memb_Reprd_id	Int	No	FOREIGN KEY	

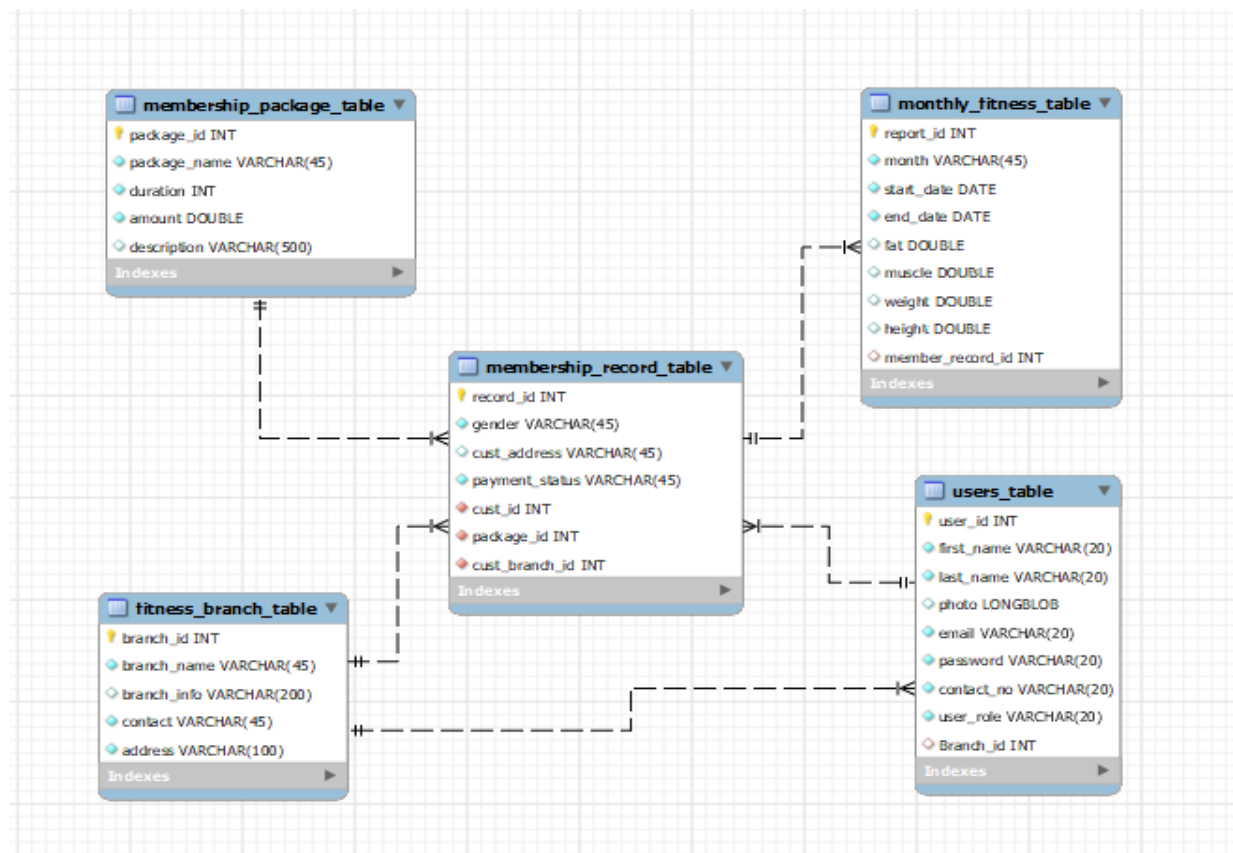
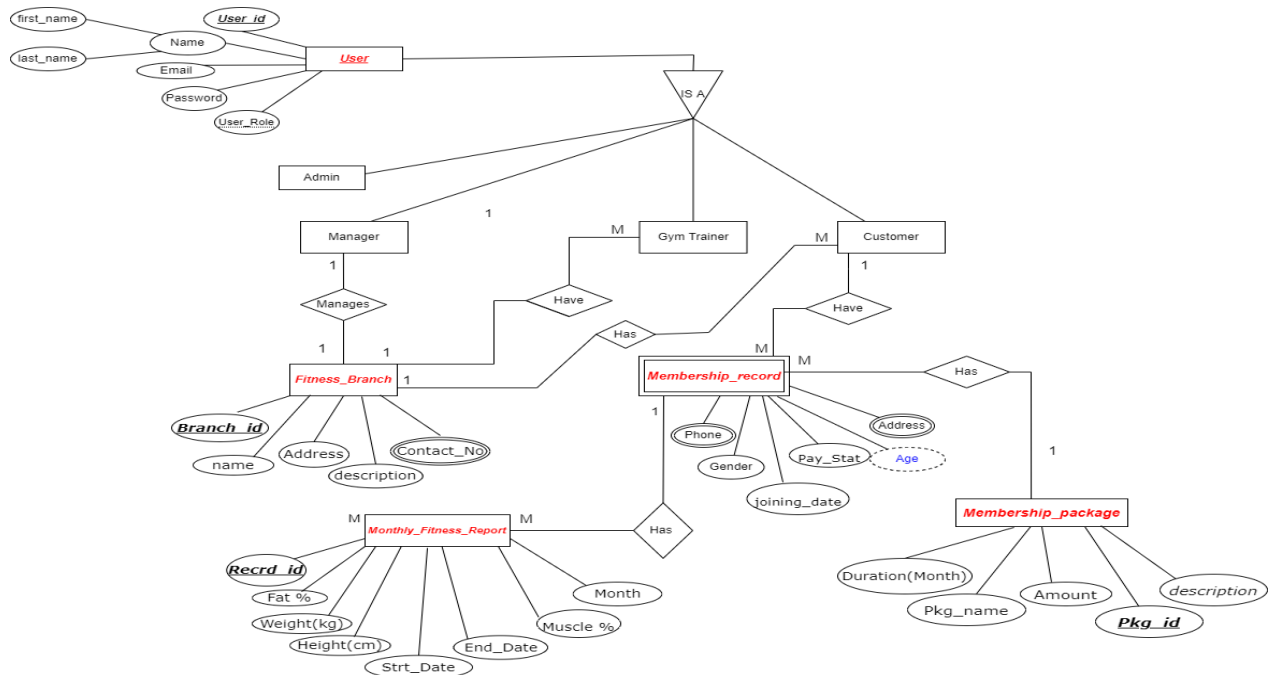
Membership Packages Table

<u>Field</u>	<u>Type</u>	<u>Null</u>	<u>Key</u>	<u>Extra</u>
Package_id	Int	No	PRIMARY KEY	Auto_Increment
Package_Name	Varchar(30)	No		
Duration	Int	No		
Amount	Double	No		
Description	Varchar(500)	Yes		

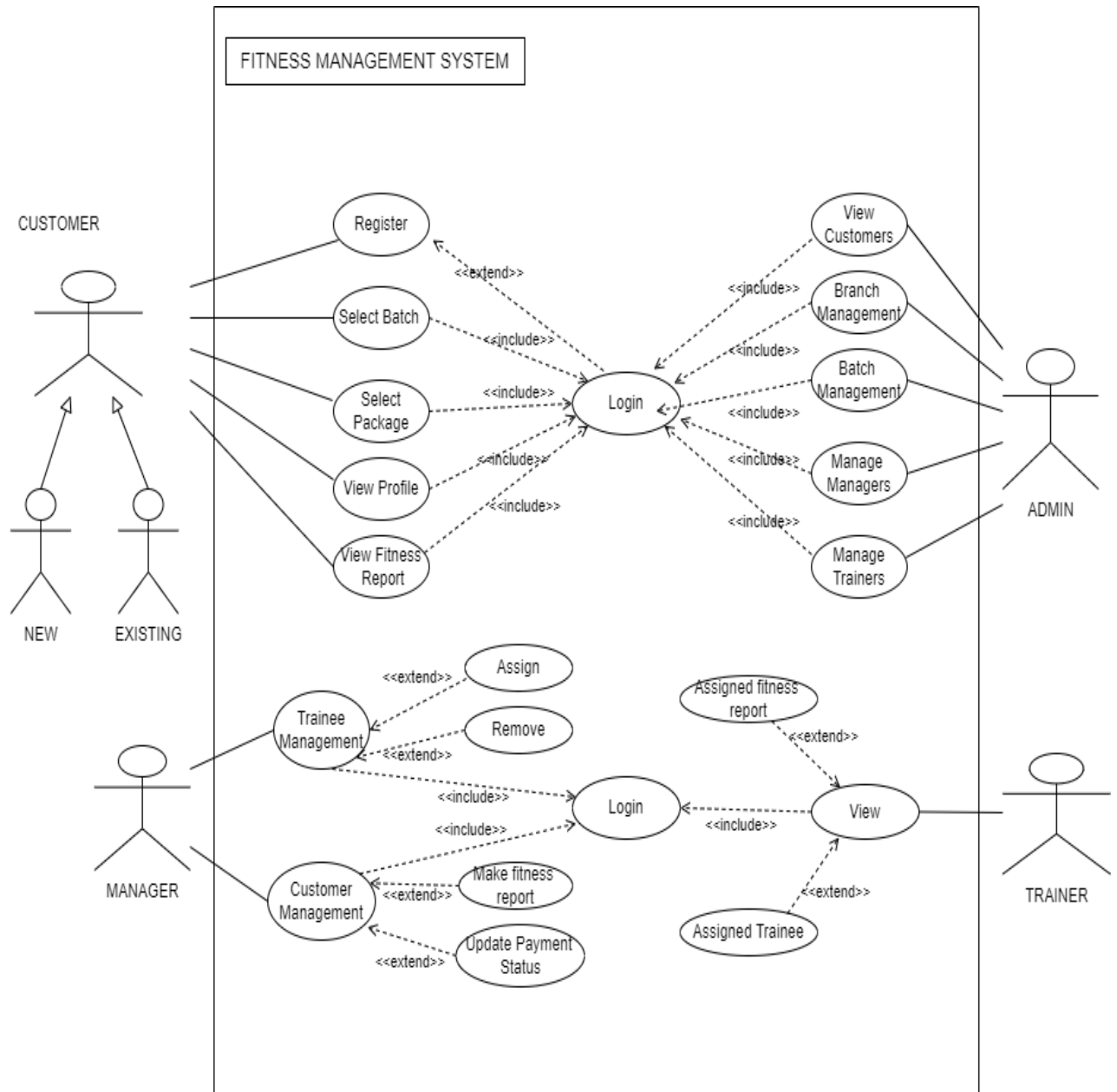
Membership Record Table

<u>Field</u>	<u>Type</u>	<u>Null</u>	<u>Key</u>	<u>Extra</u>
Record_id	Int	No	PRIMARY KEY	Auto_Increment
Gender	Varchar(30)	No		
Age	Int	No		
Cust_Address	Varchar(40)	Yes		
Payment_status	Varchar(20)	No		
Joining_Date	Date	No		
Cust_id	Int	No	FOREIGN KEY	
Package_id	Int	No	FOREIGN KEY	
Branch_id	Int	No	FOREIGN KEY	

ENTITY RELATIONSHIP DIAGRAM

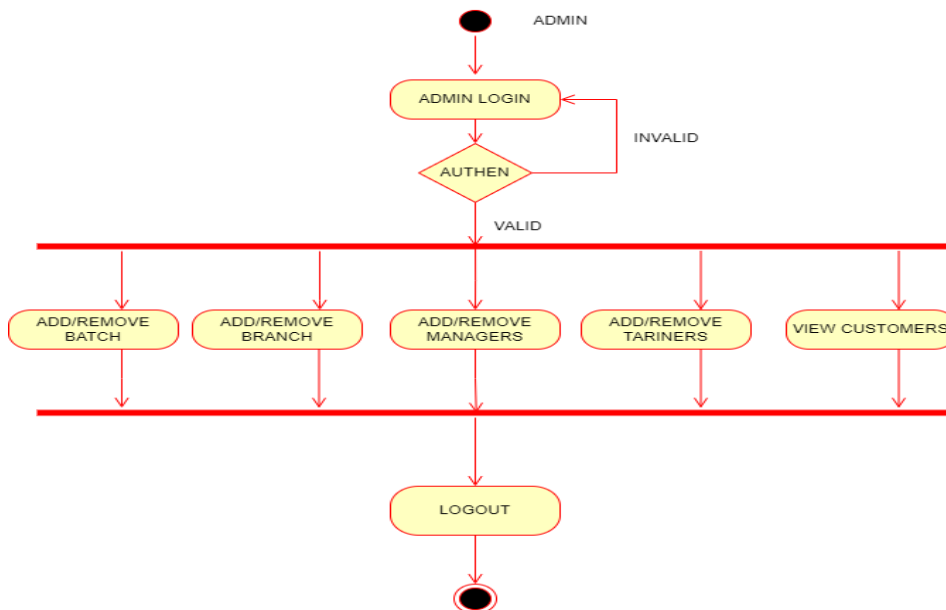


USE CASE DIAGRAM

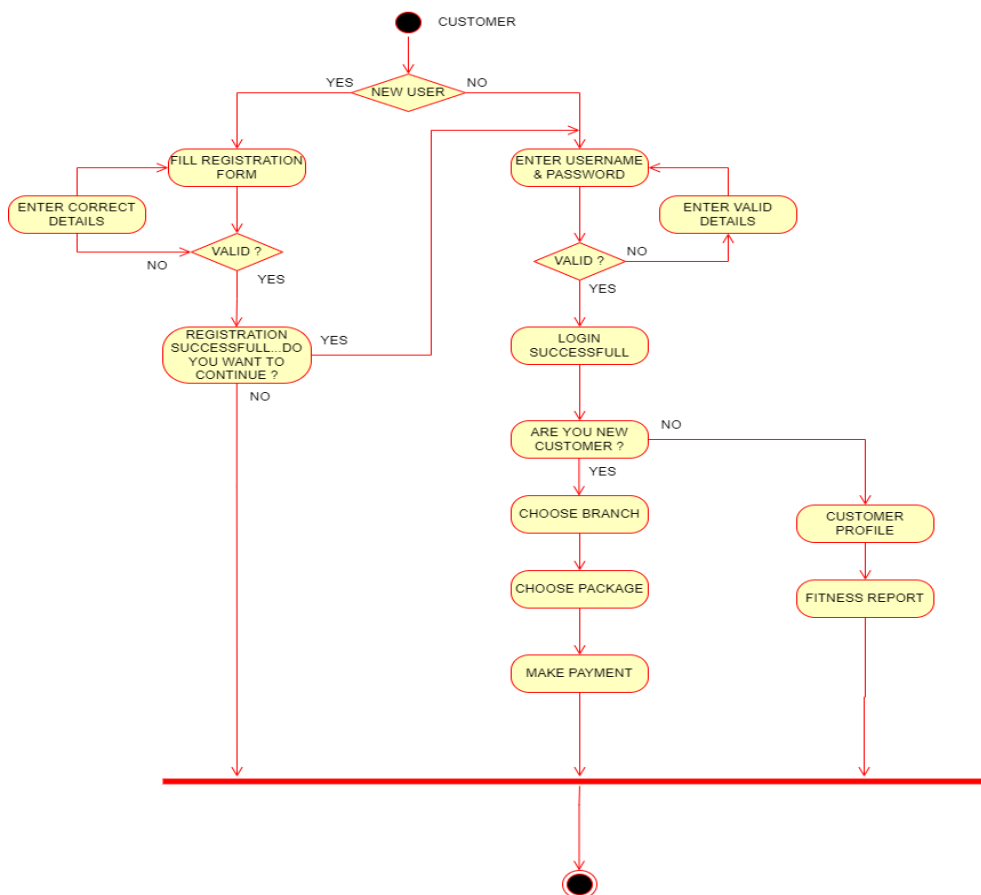


ACTIVITY DIAGRAM

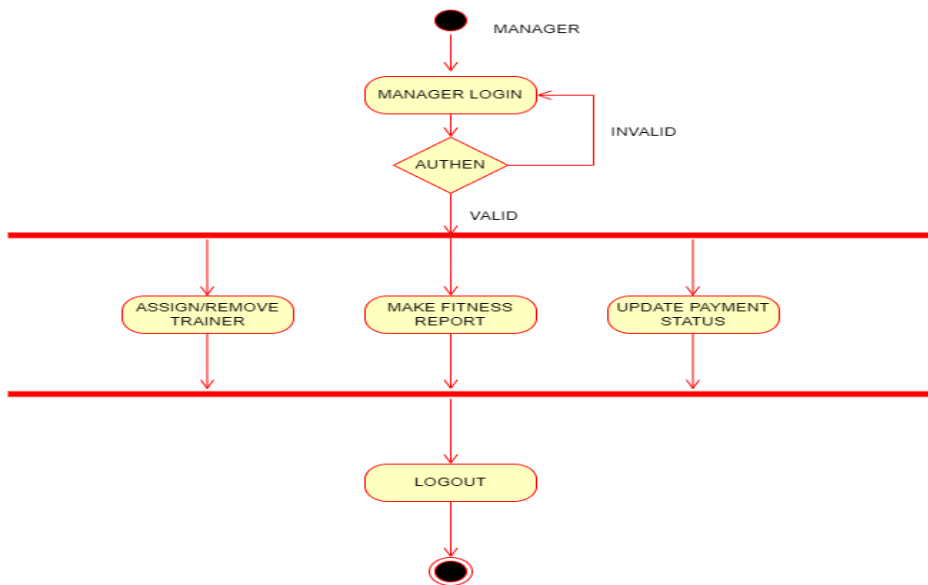
1. ADMIN



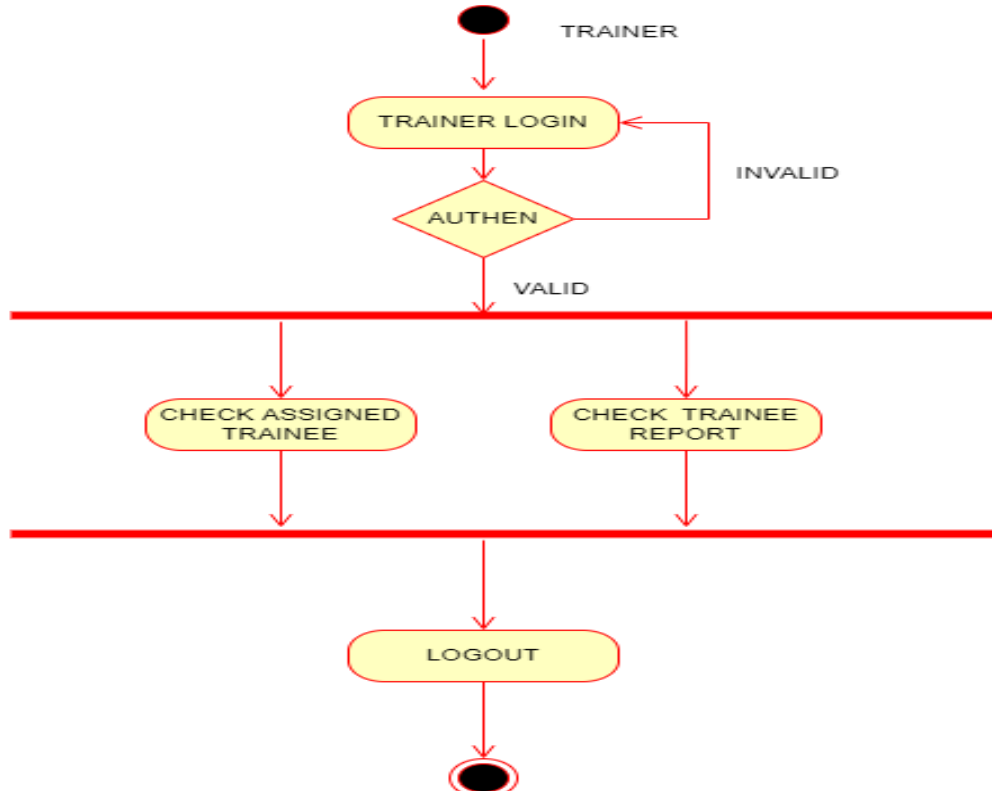
2. CUSTOMER



3. MANAGER

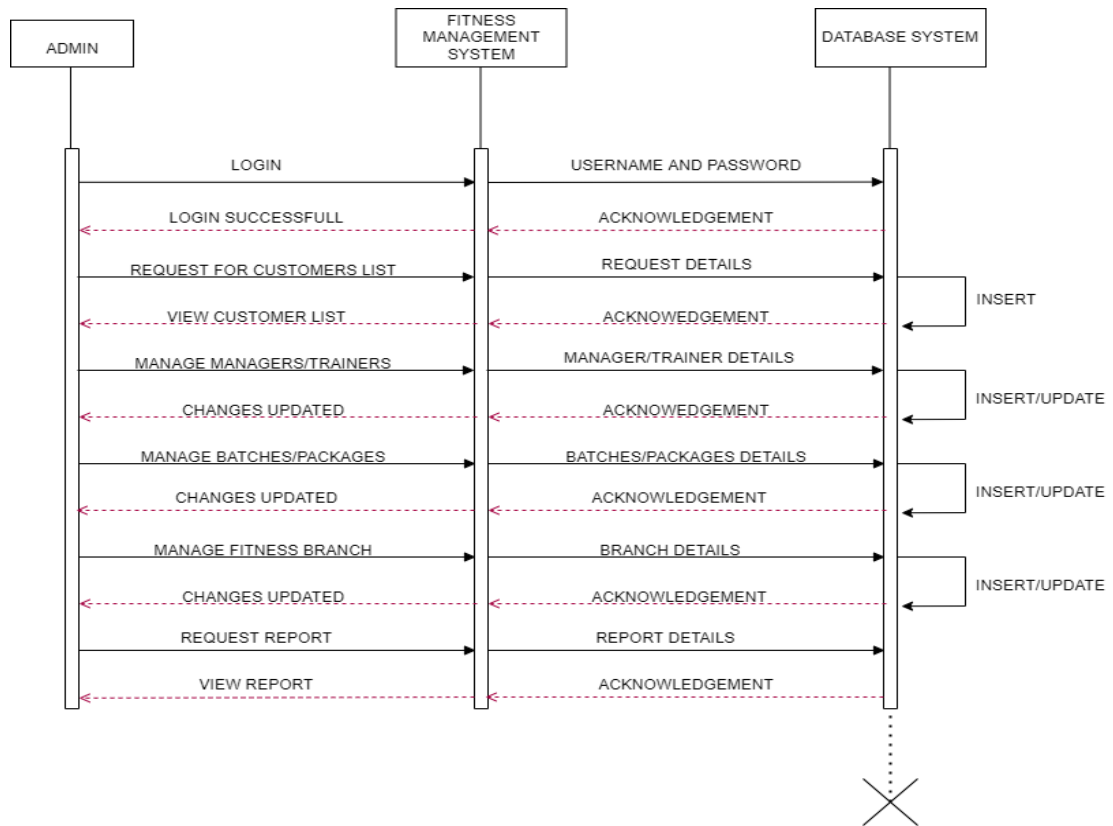


4. TRAINER

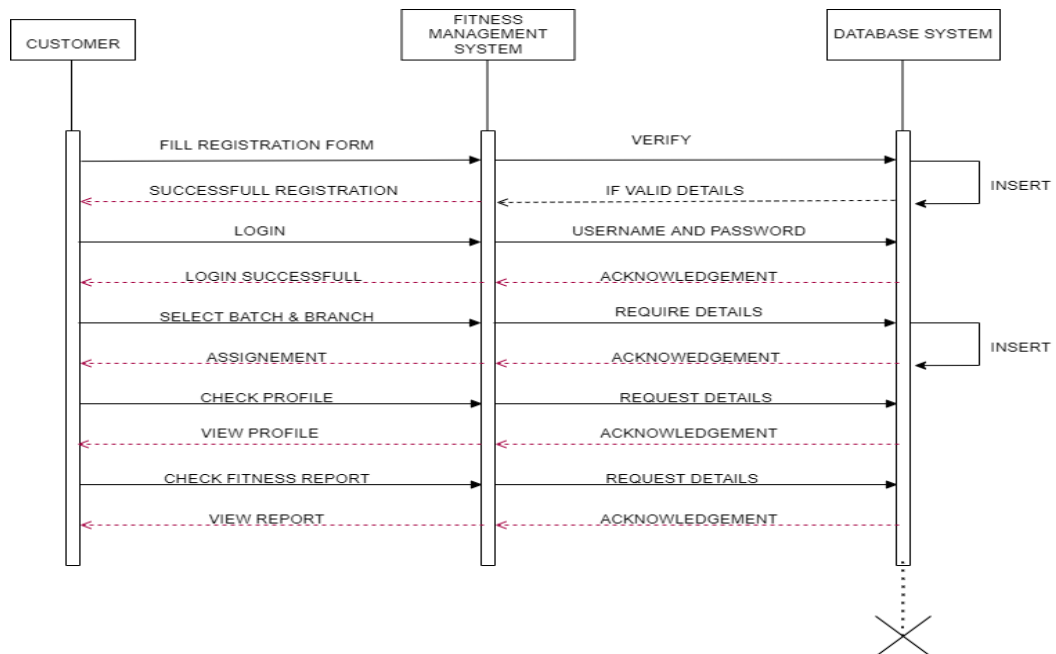


SEQUENCE DIAGRAM

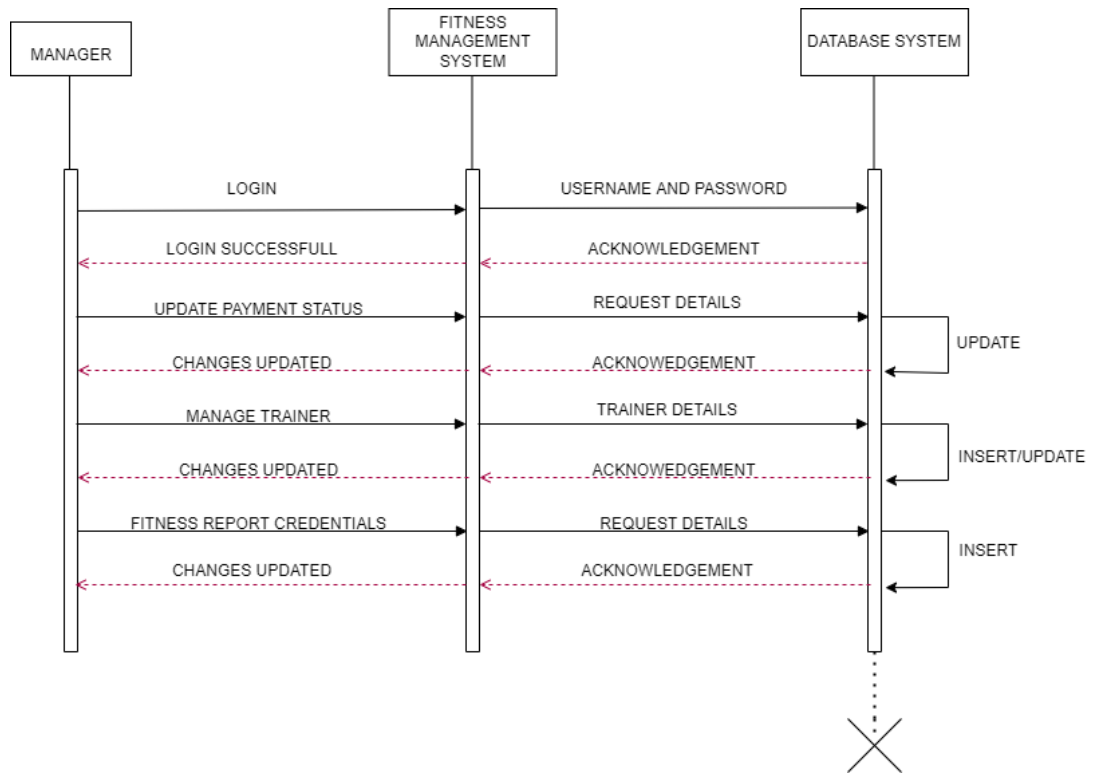
1. ADMIN



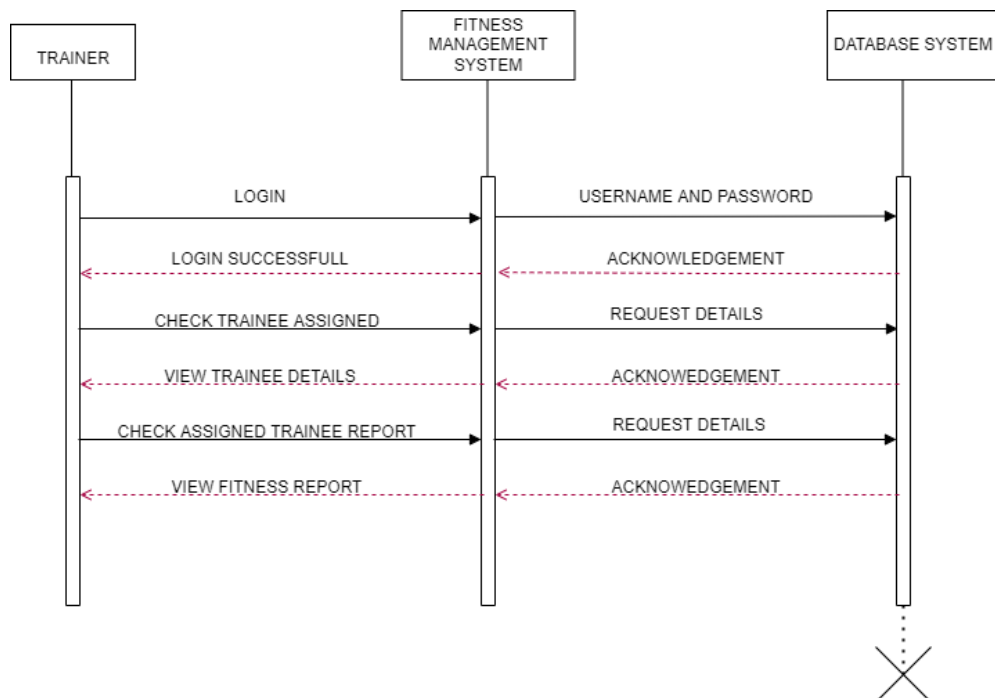
2. CUSTOMER



3. MANAGER

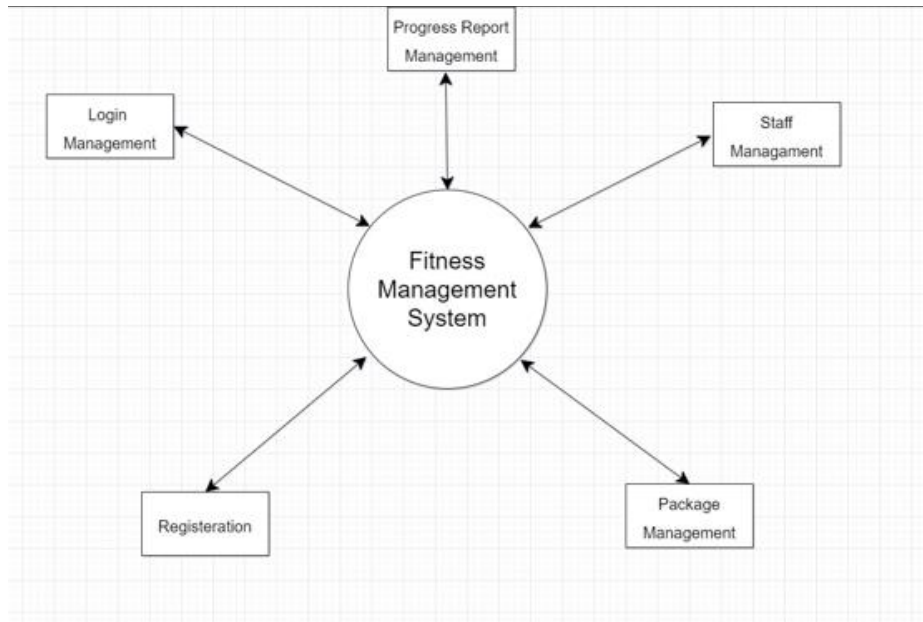


4. TRAINER

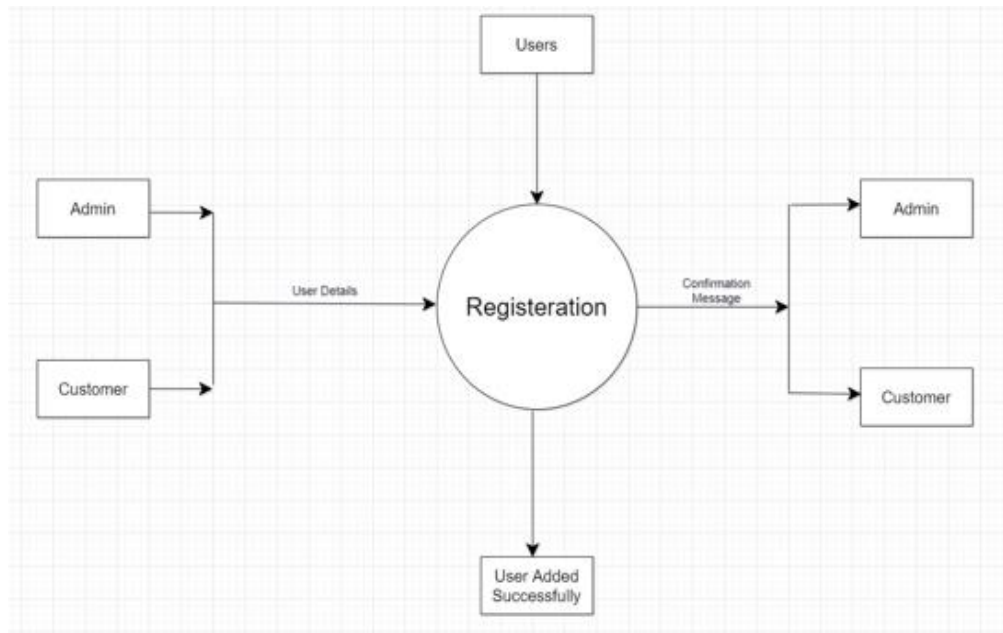


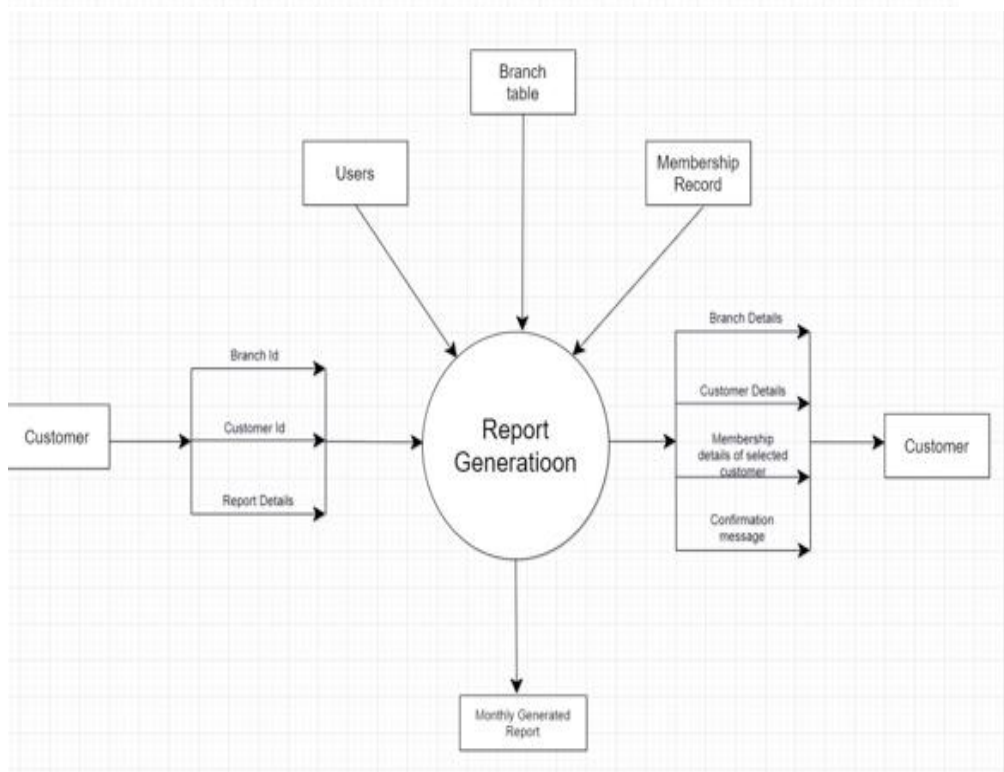
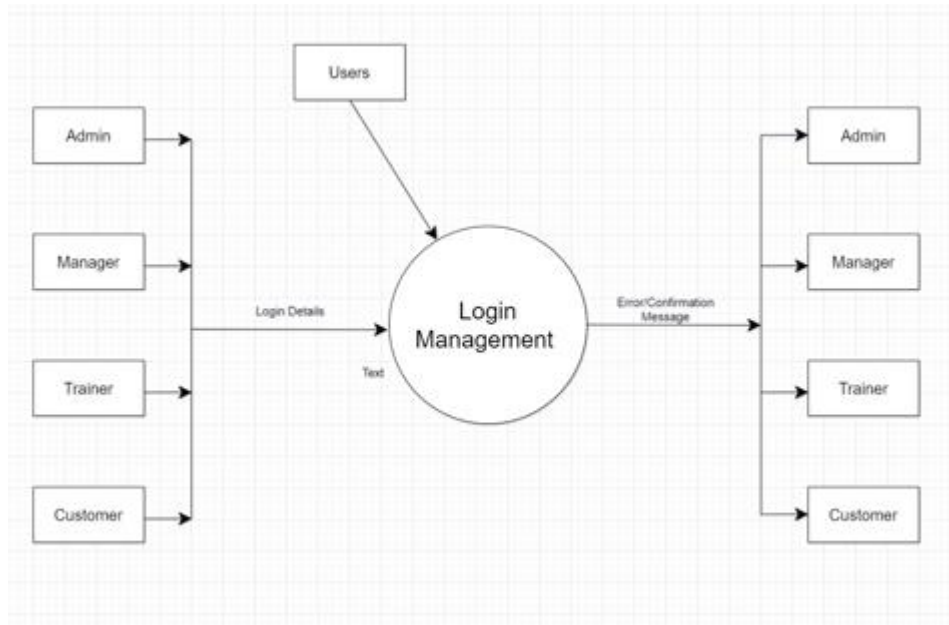
DATA FLOW DIAGRAM

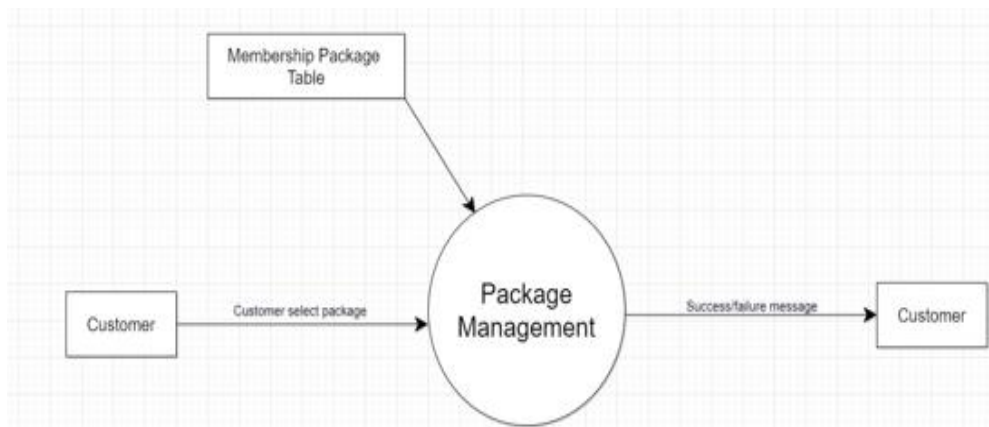
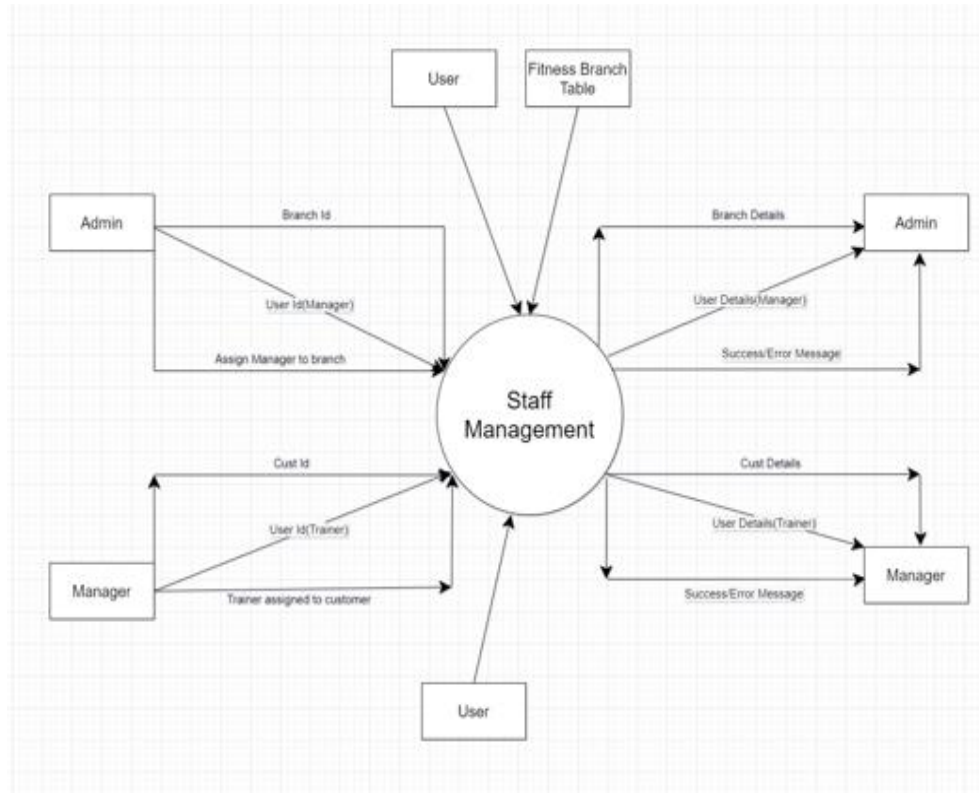
1. CONTEXT LEVEL (0 LEVEL DFD)



2. 1 LEVEL DFD

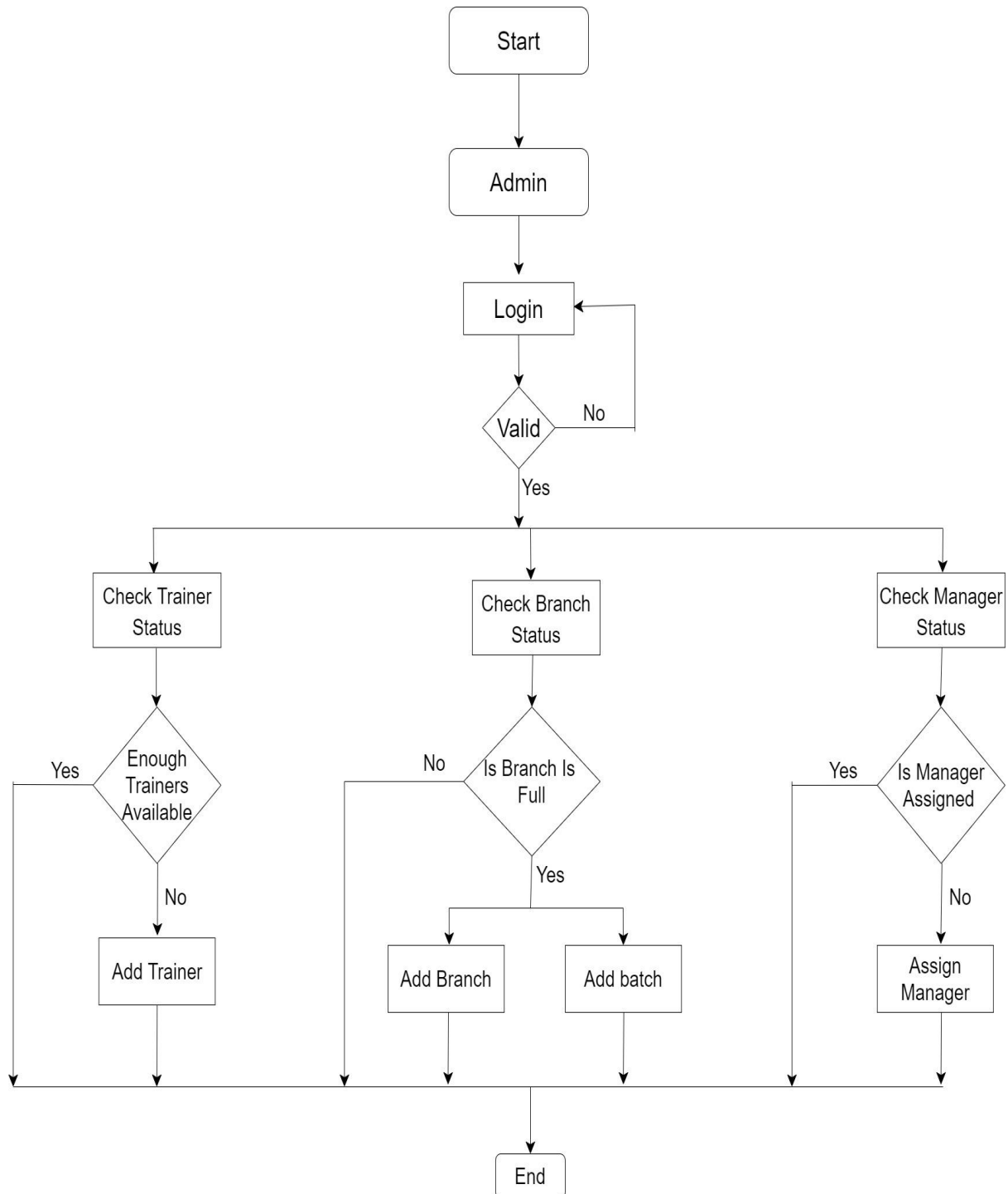




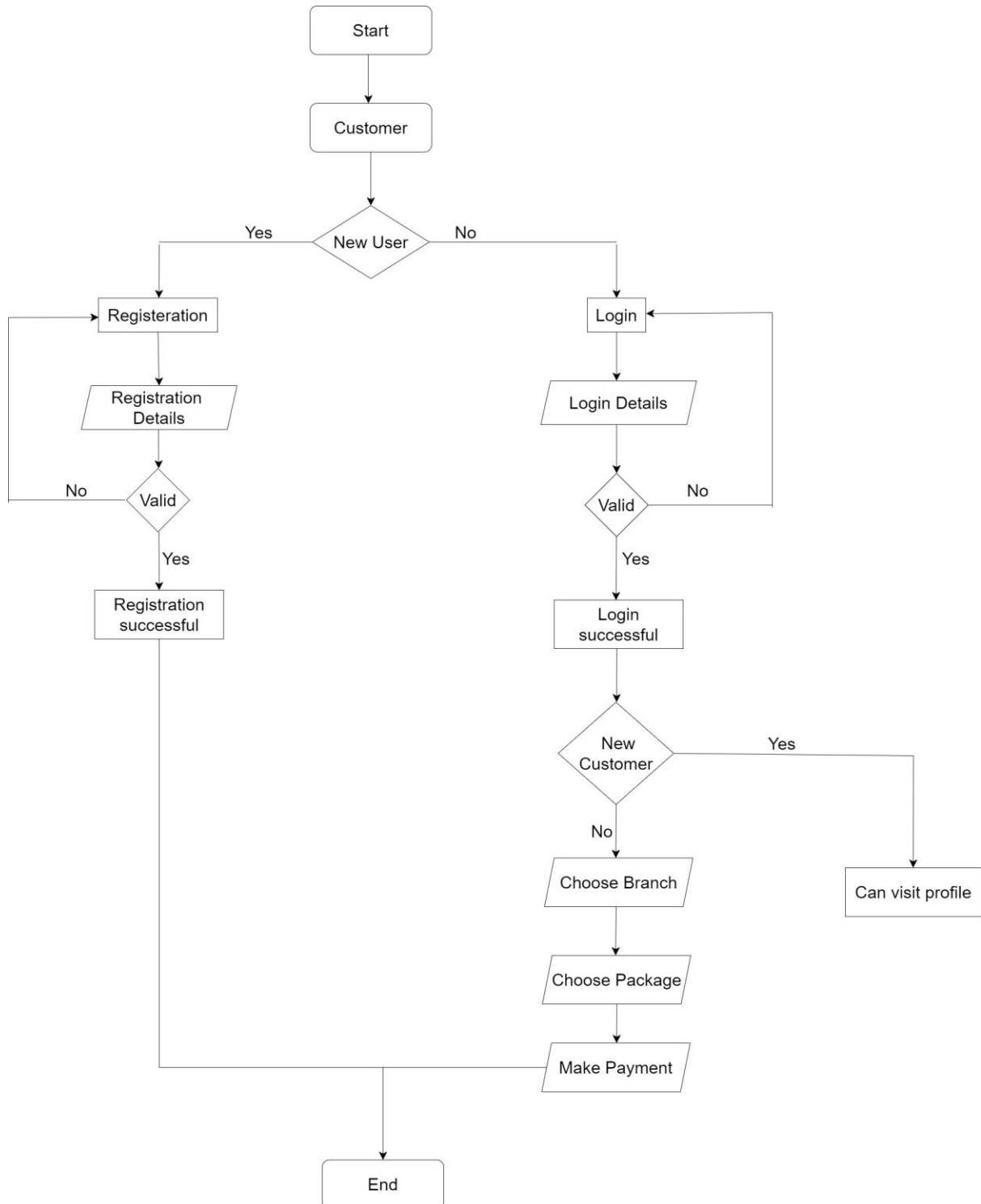


FLOWCHART DIAGRAM

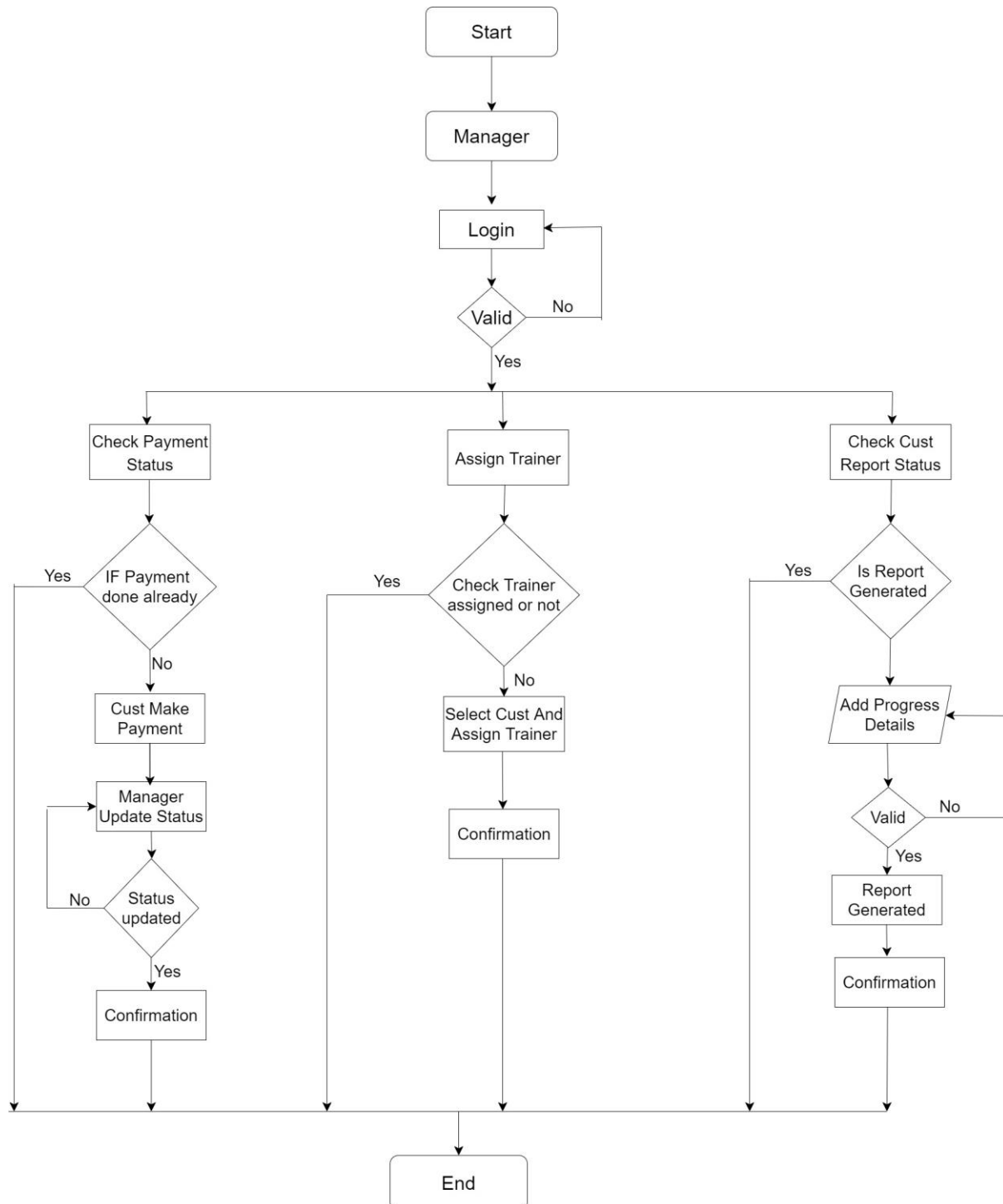
1. ADMIN



2. CUSTOMER



3. MANAGER



4. TRAINER

