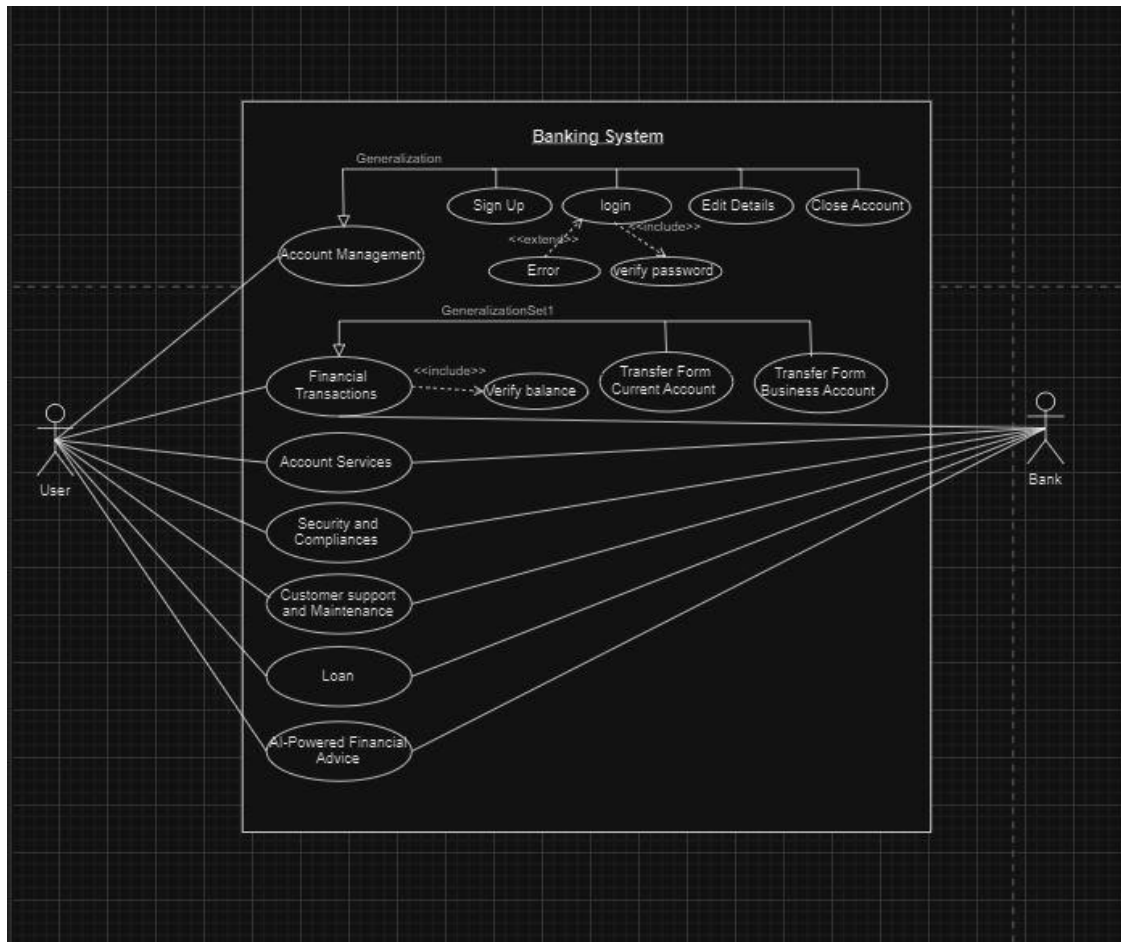


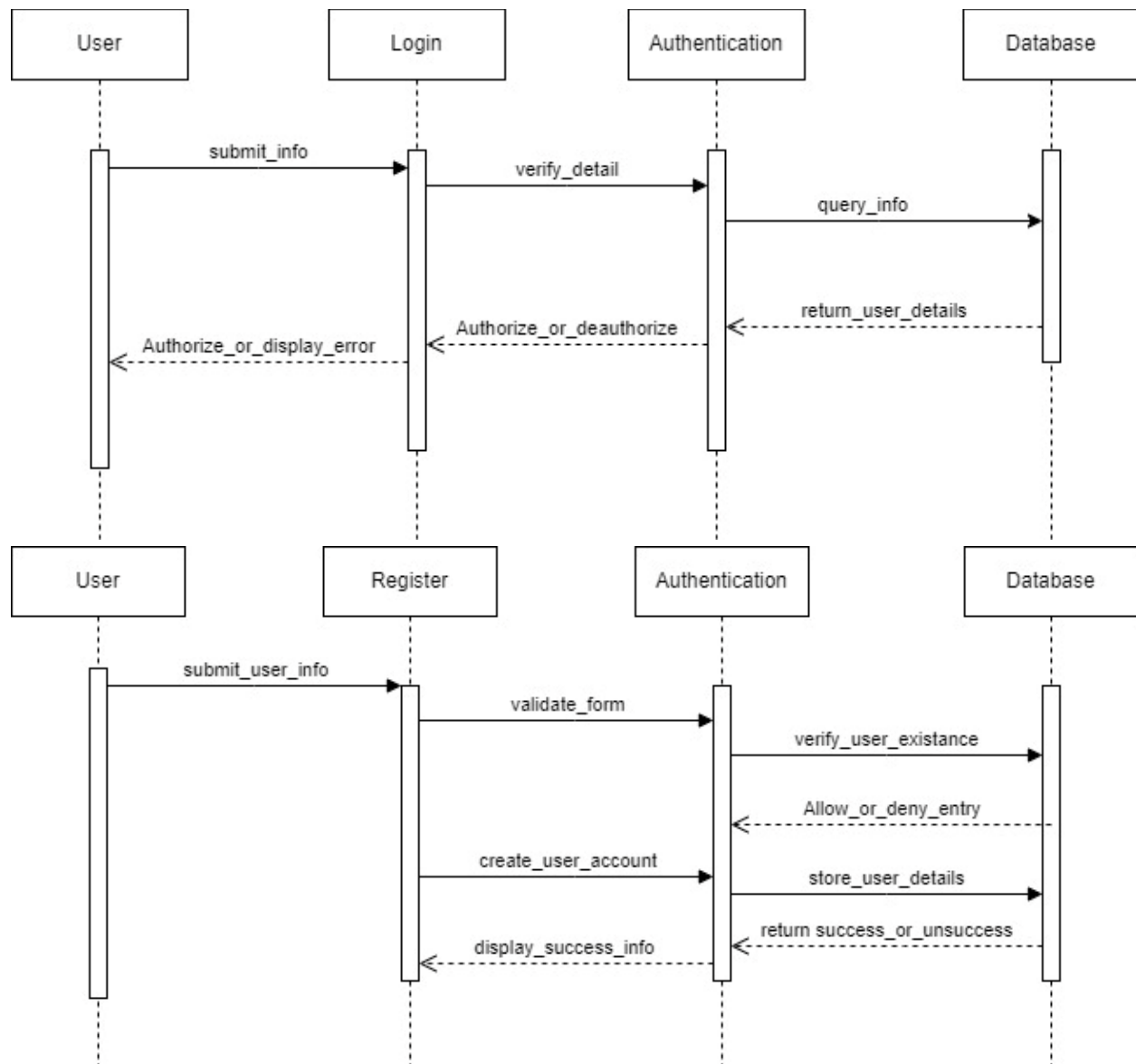
1) Behavioral Diagram

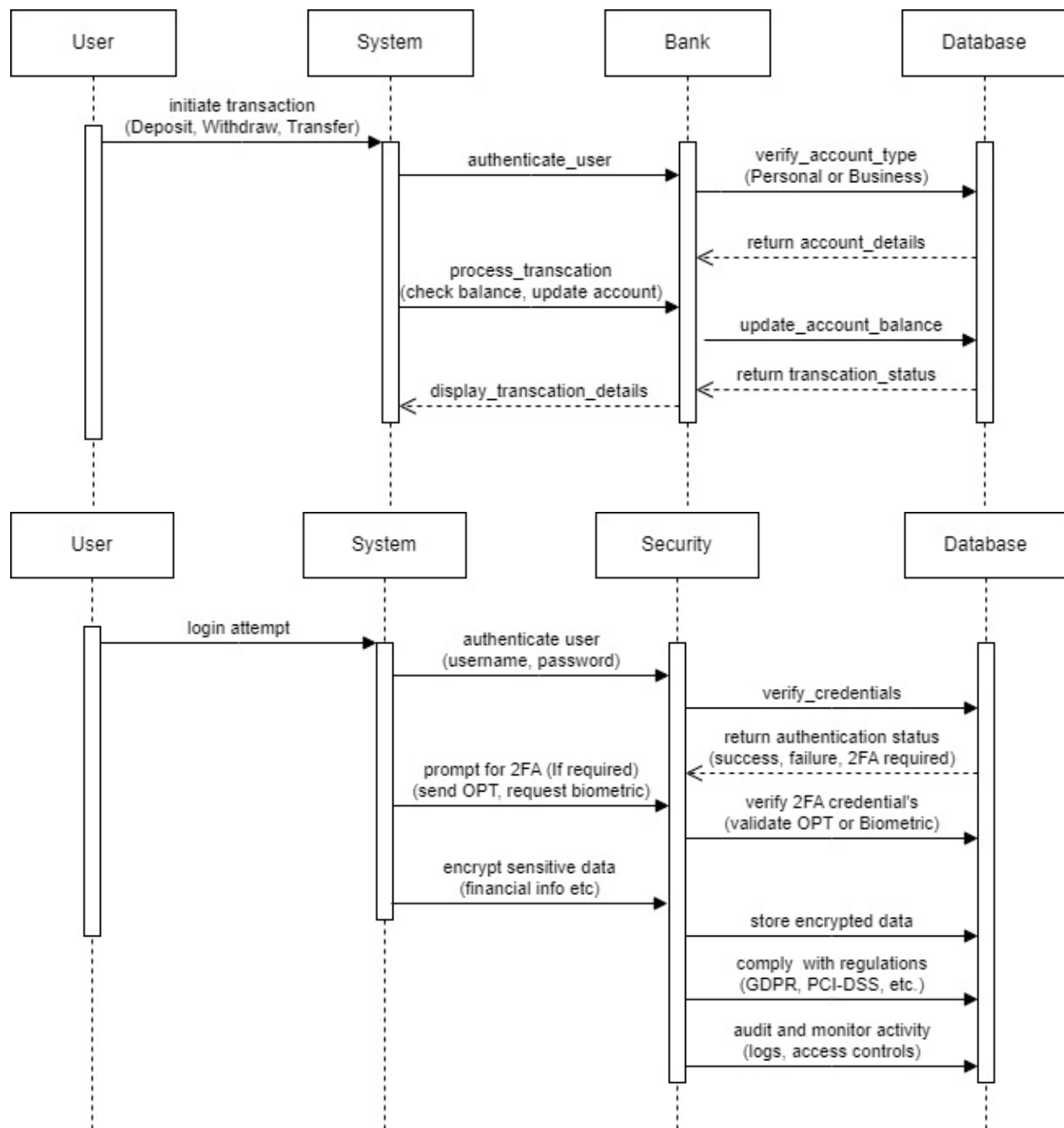
- **Use Case Diagram**

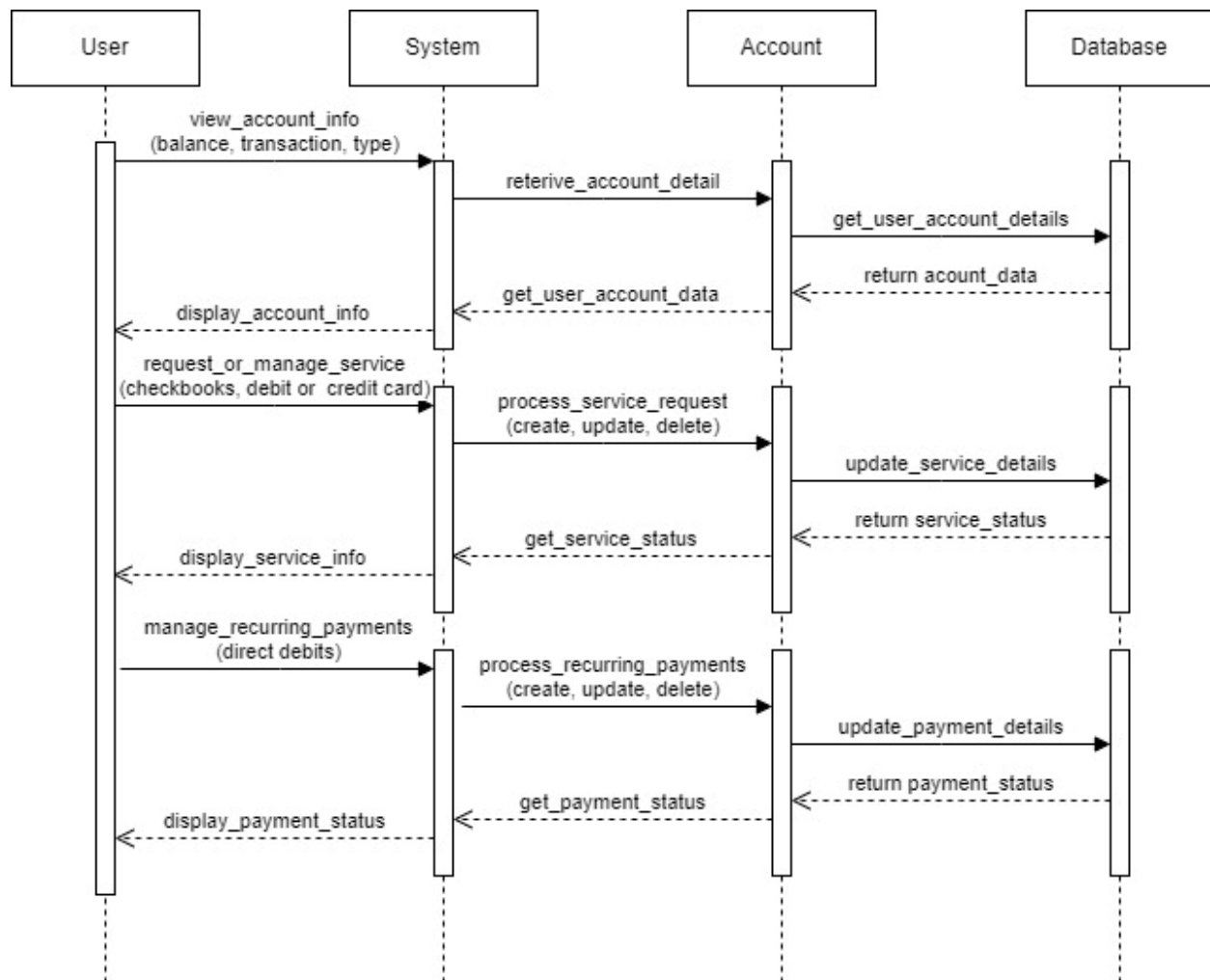
This is our use case diagram that help us to understand the system functionality, identify our actors and clarify our system boundaries. It provide foundation for our system, help use to priorities the features of our system.

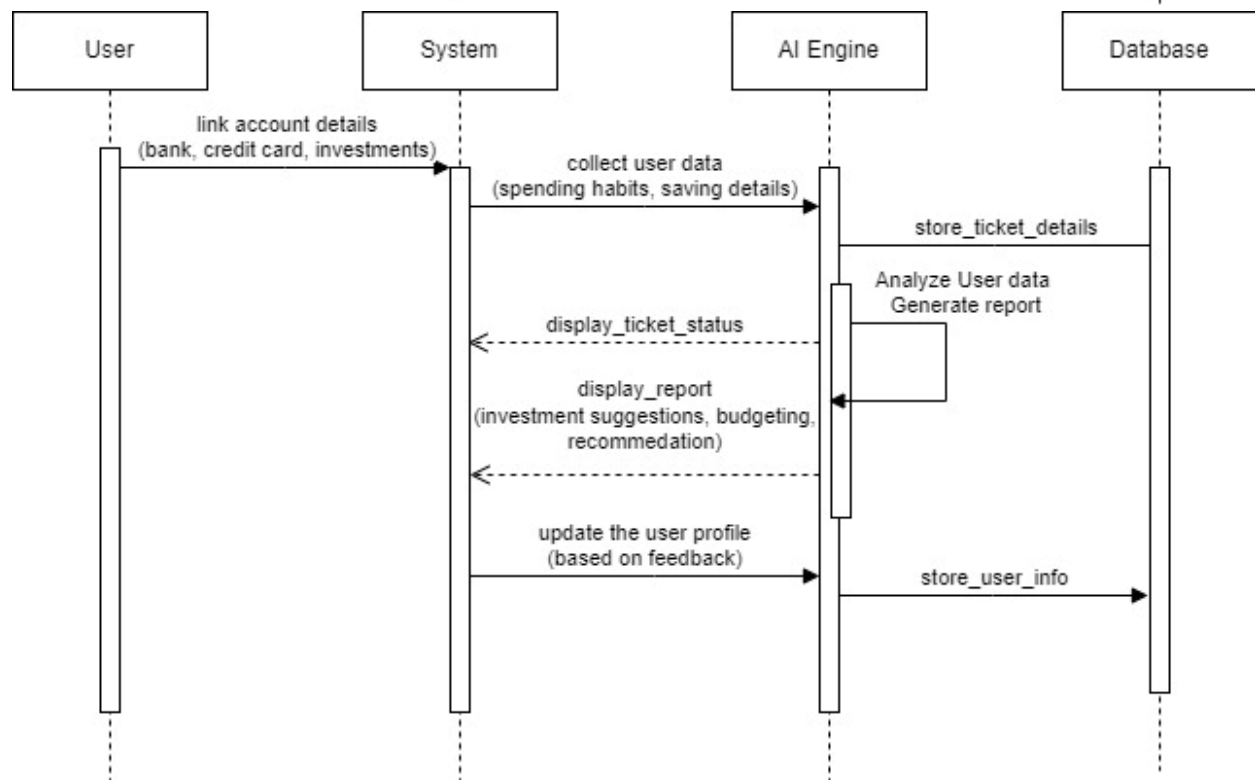
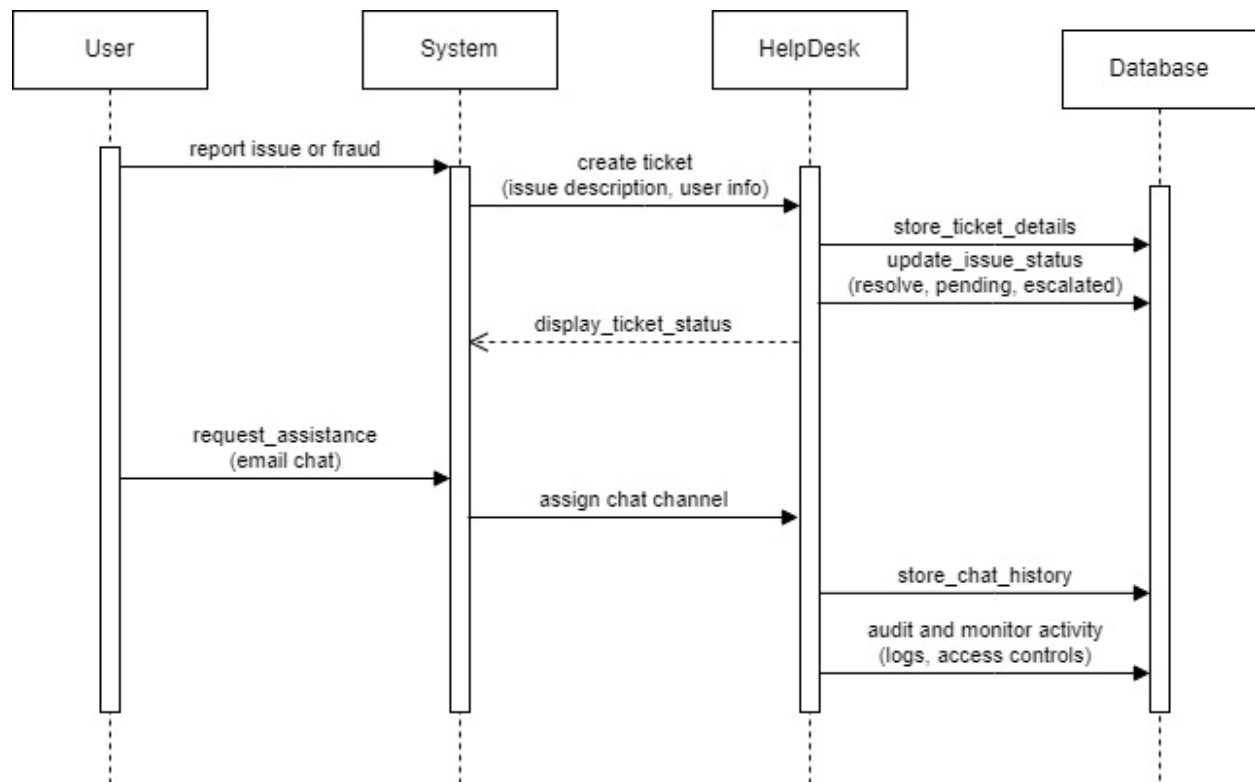


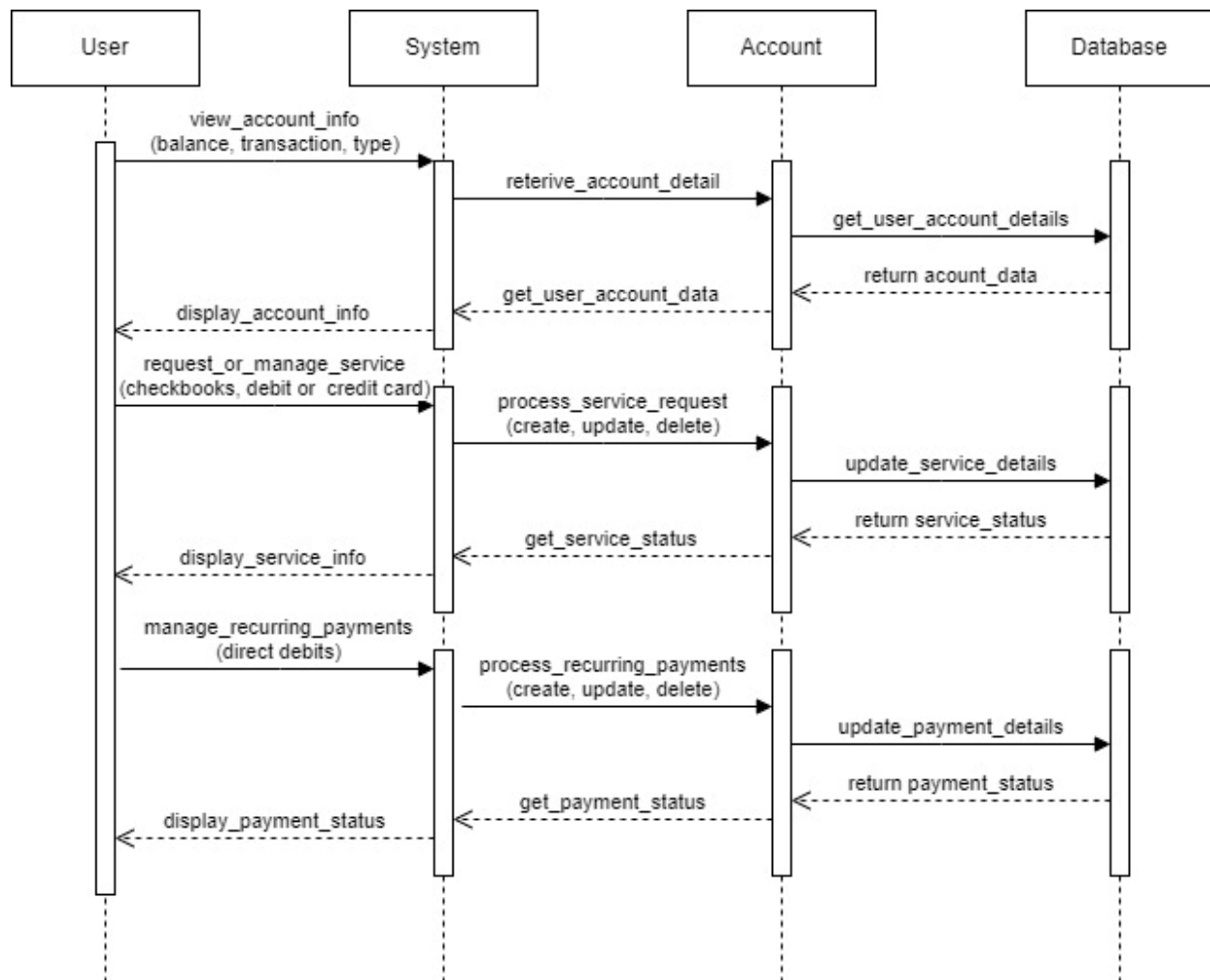
- Sequence Diagram







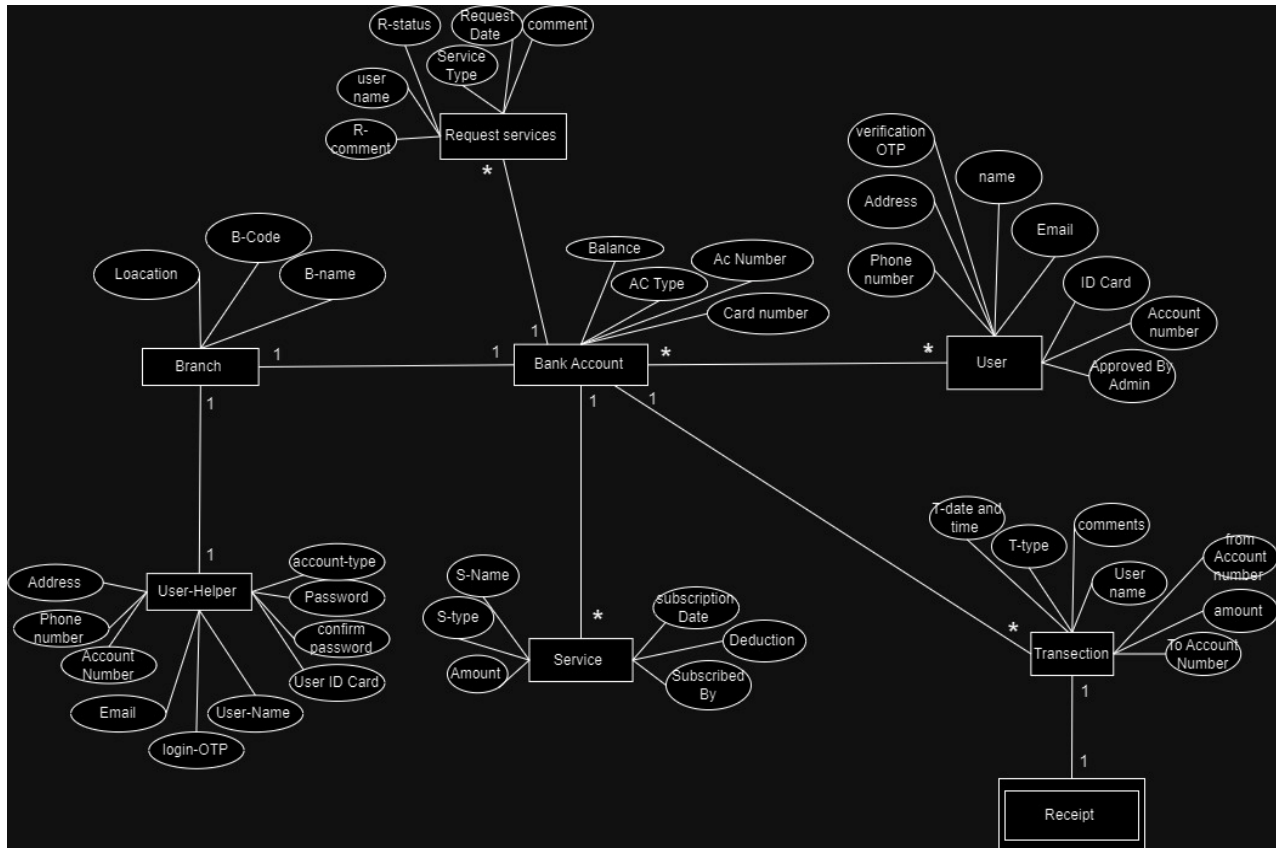




2) Structural Diagram

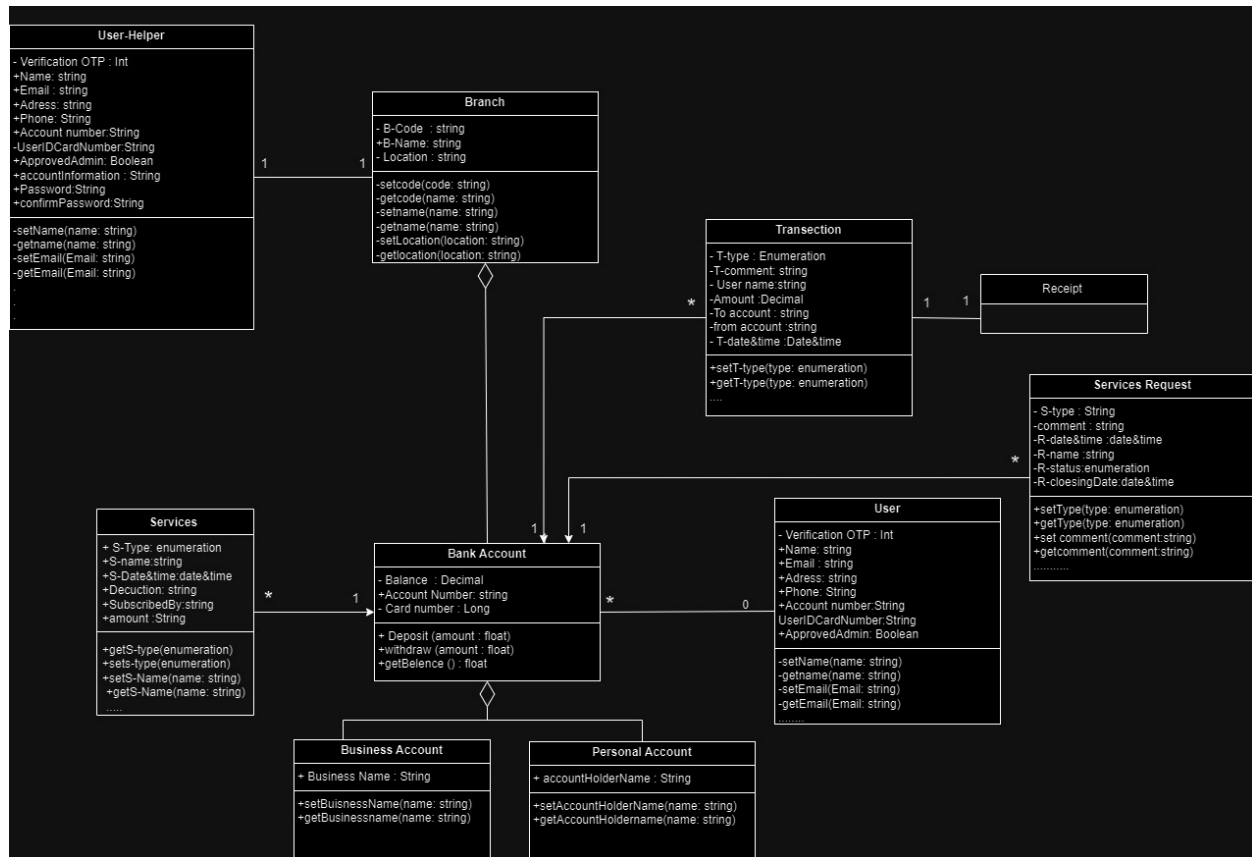
- **ER Diagram**

ER diagram provides us overall graphical structure of over all database, it present the relationship between different entities in database. It is used to models the real-world objects.



• Class Diagram

Class Diagram provides us high level information of our system that will help us to communicate and document. In a class diagram objects are instance of classes and each class have its own attributes and methods.



- **Chart Of Activities(PERT)**

Activity Description	Immediate Predecessor	Time Estimate			Expected Time $D=(t_o+t_m+t_p)/6$
		t_o	t_m	t_p	
A: Project planning	None	2	3	4	3
B: Meetings	A	1	2	3	2
C: Project scheduling	B	2	3	6	4
D: Scope management	C	1	2	3	2
E: Risk management	C	1	2	5	3
F: Requirement gathering	C	8	10	12	10
G: Requirement specification	F	3	5	9	6
H: Designing prototypes	C	2	4	6	4
I: Designing database	H	4	5	8	6
J: Designing document	I	6	7	10	8
K: Development planning	J	1	2	3	2
L: Develop World Directory module	K	5	6	9	7
M: Develop Tourist Guide module	K	5	8	10	8
N: Develop Map Styling module	L,M,R	4	7	10	7
O: Develop Routes and Directions module	L,M,R	3	4	6	5
P: Develop Augmented Reality module	S,T	3	5	7	5
Q: Develop Favorite Destination module	S,T	2	3	4	3
R: Develop Places Details module	K	5	6	9	7
S: Develop Push Notification module	N,O	4	5	6	5
T: Develop Search Nearby Places AR	N,O	2	6	7	6
U: Testing	L,M,N,O,P, Q,R,S,T	2	5	8	5
V: Deployment	U	1	3	5	3

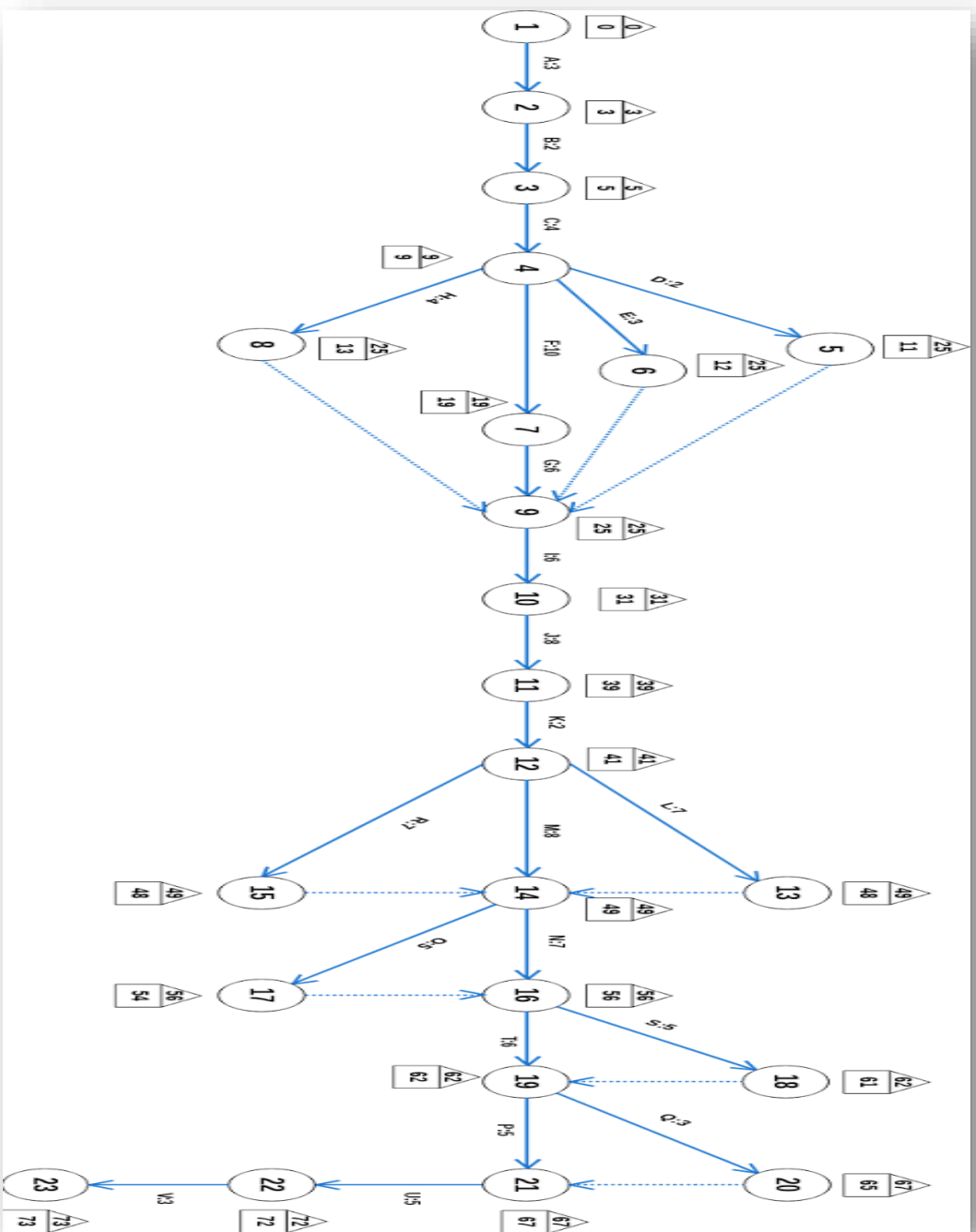
- **Activity chart**

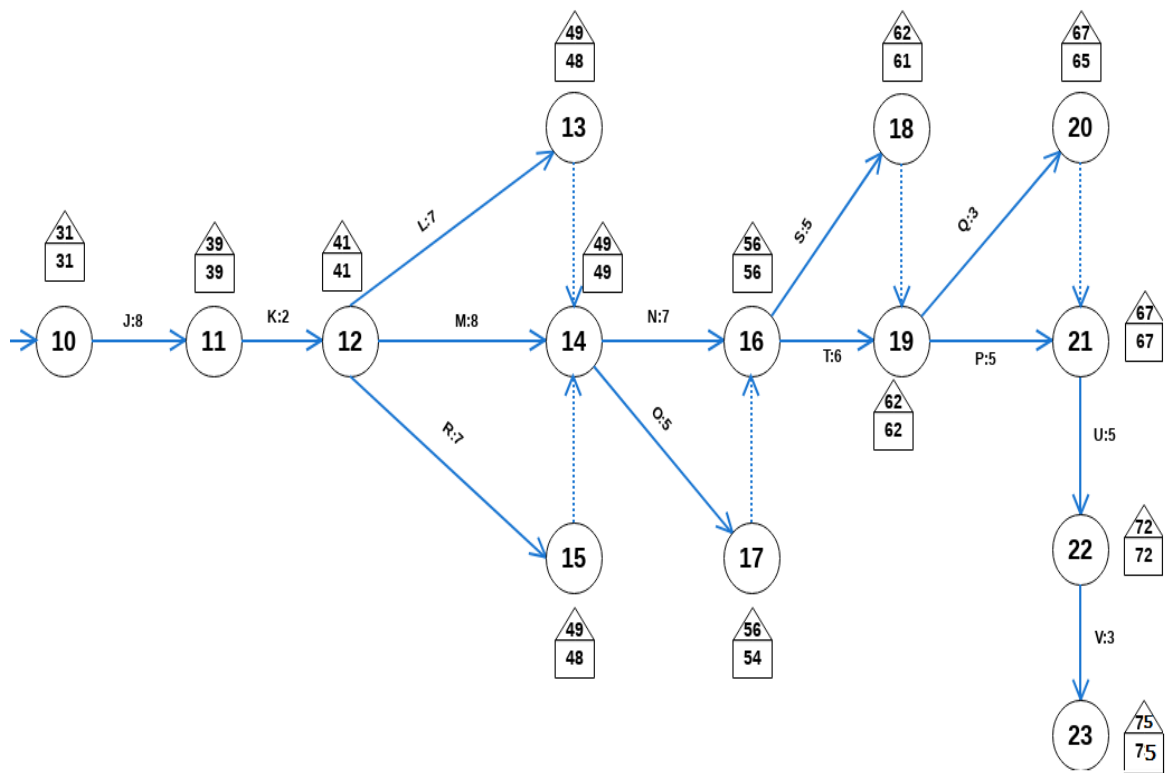
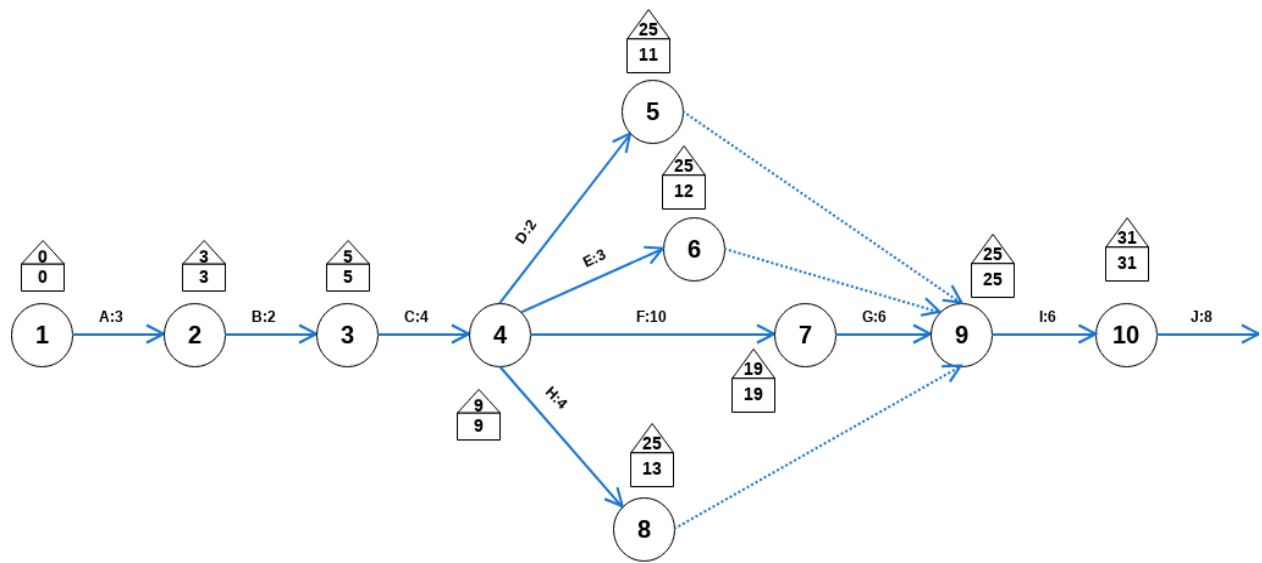
Activity	Immediate predecessor	Duration (Weeks)
A	None	3
B	A	2
C	B	4

D	C	2
E	C	3
F	C	10
G	F	6
H	C	4
I	H	6
J	I	8
K	J	2
L	K	7
M	K	8
N	L,M,R	7
O	L,M,R	5
P	S,T	5
Q	S,T	3
R	K	7
S	N,O	5
T	N,O	6
U	L,M,N,O,P,Q,R,S,T	5
V	U	3

- **Project schedule**

AOA Network





- **Critical Path**

A:3 B:2 C:4 F:10 G:6 I:6 J:8 K:2 M:8 N:7 T:6 P:5 U:5 V:3

Expected project Duration = 75 days