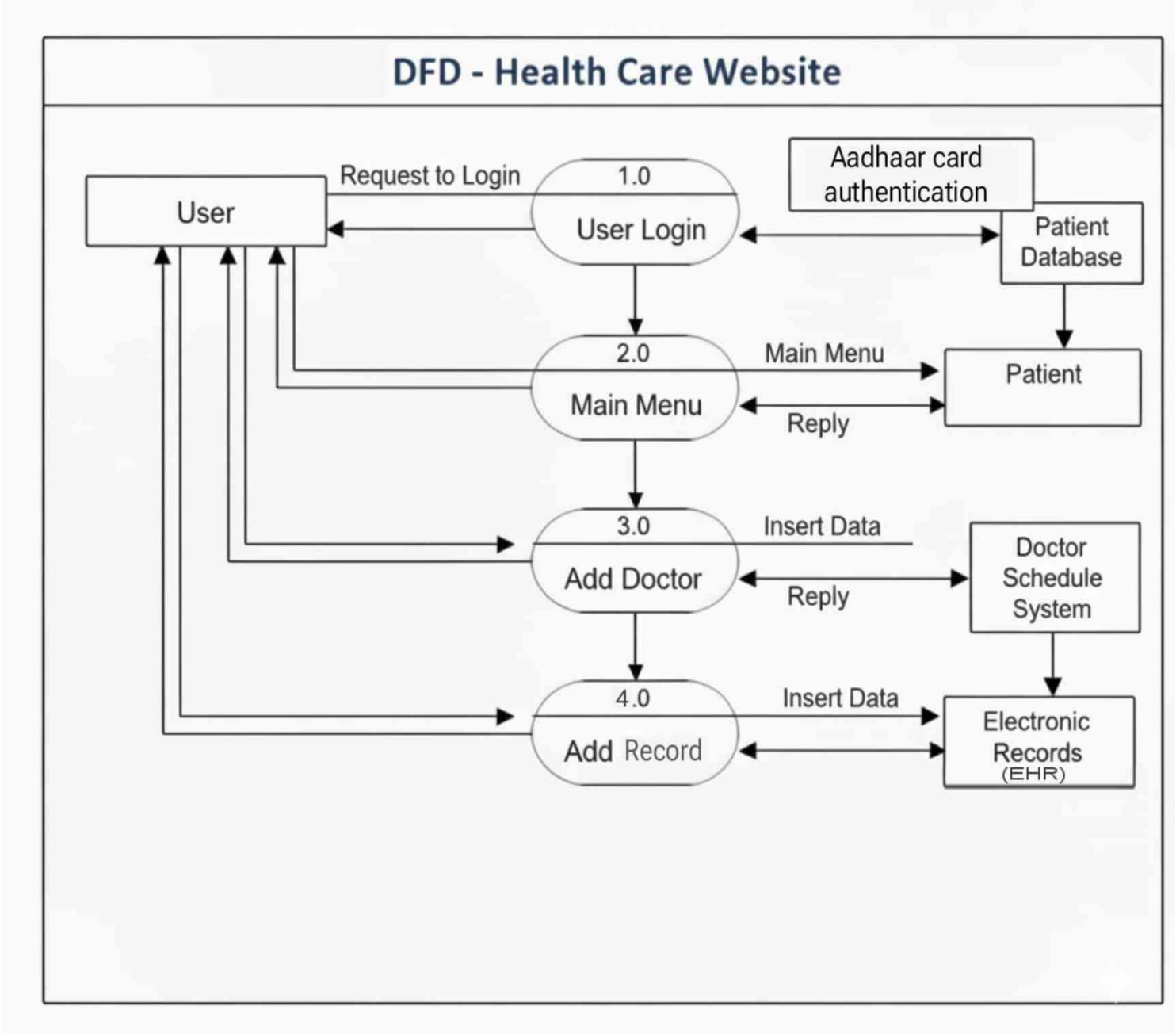
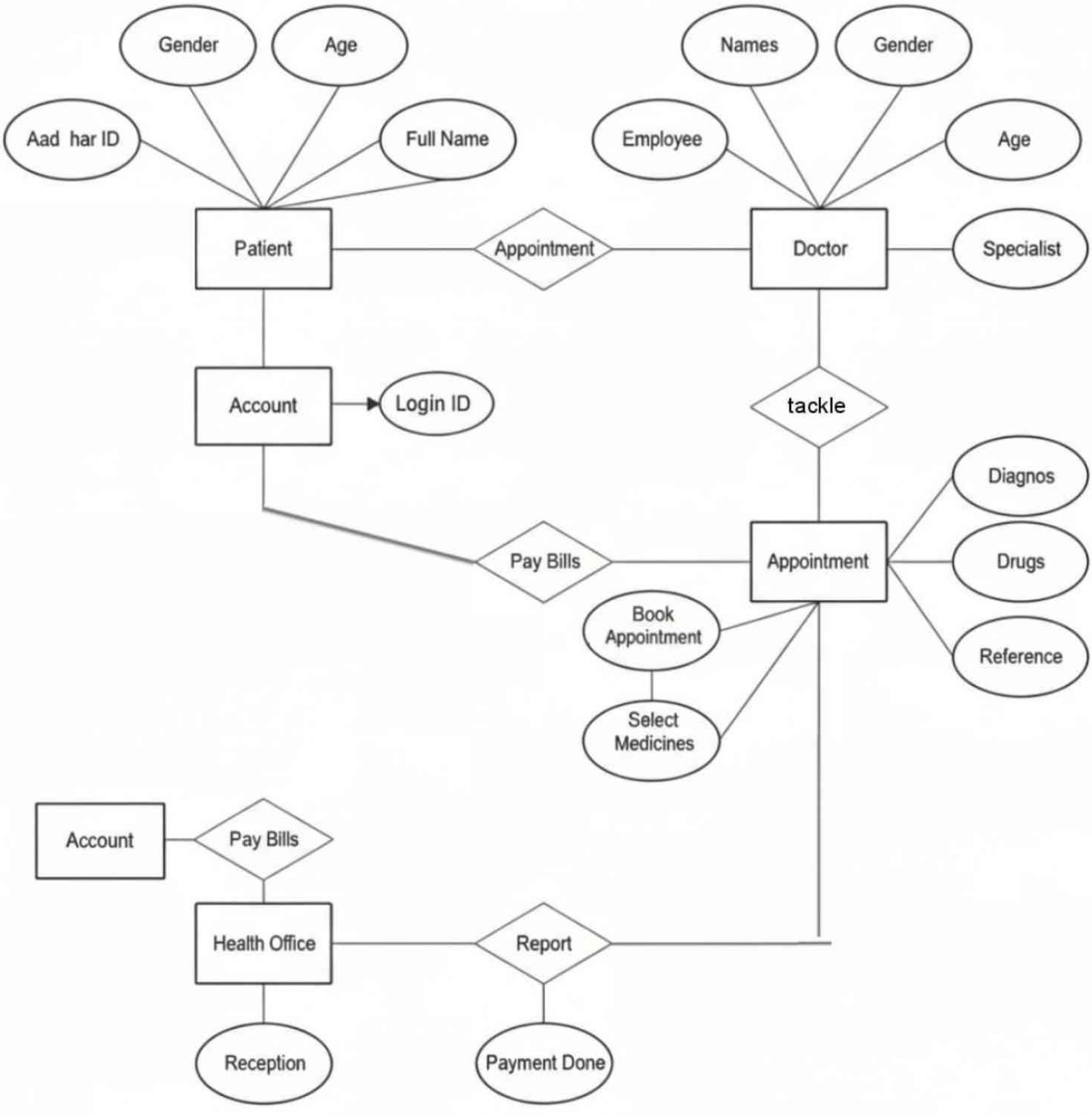
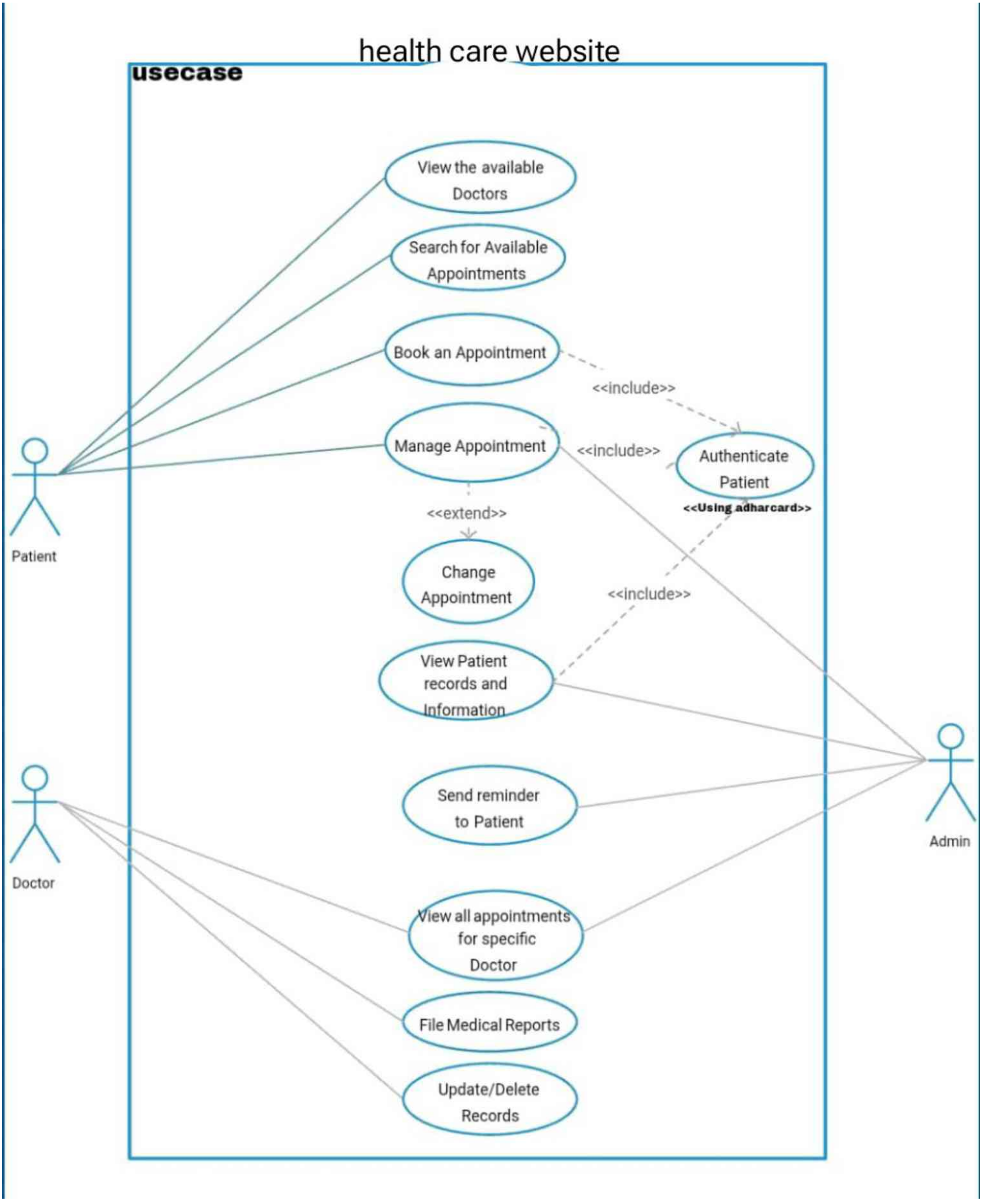
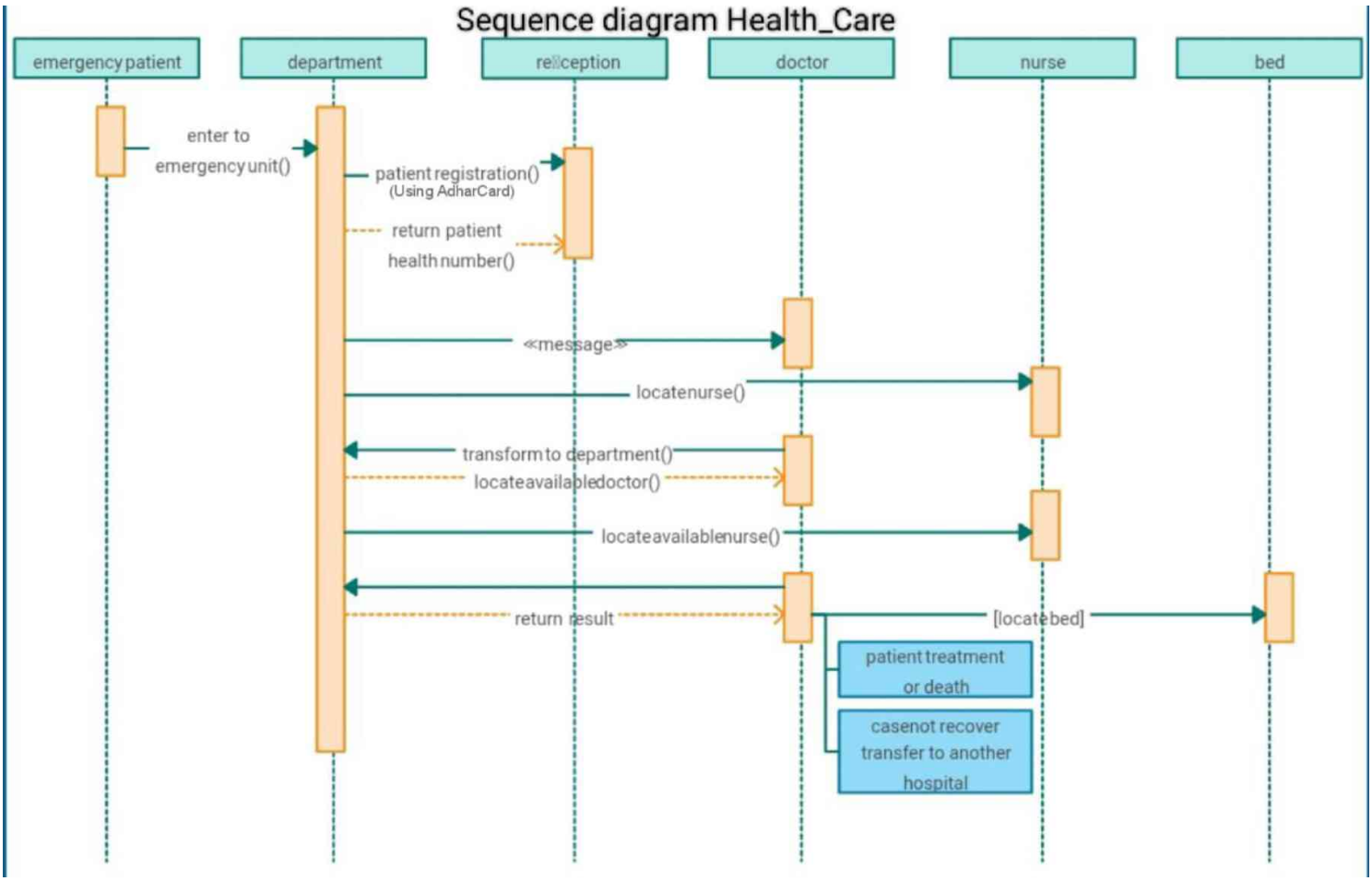
Diagrams Health-Care


DFD - Health Care Website
User
Request to Login
1.0
User Login
Aadhaar card authentication
Patient Database
2.0
Main Menu
Main Menu
Reply
Patient
3.0
Add Doctor
Insert Data
Reply
Doctor Schedule System
4.0
Add Record
Insert Data
Electronic Records (EHR)

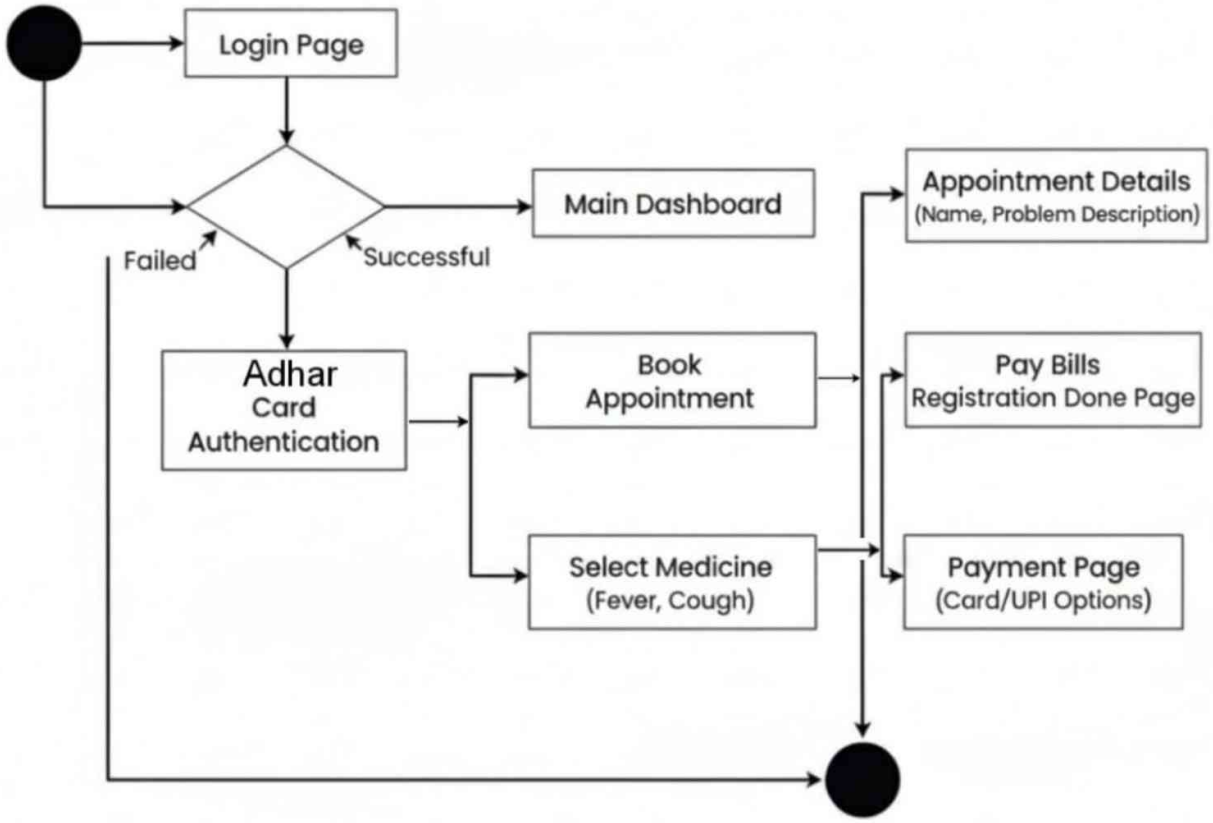
ER Diagram of Health Care Website



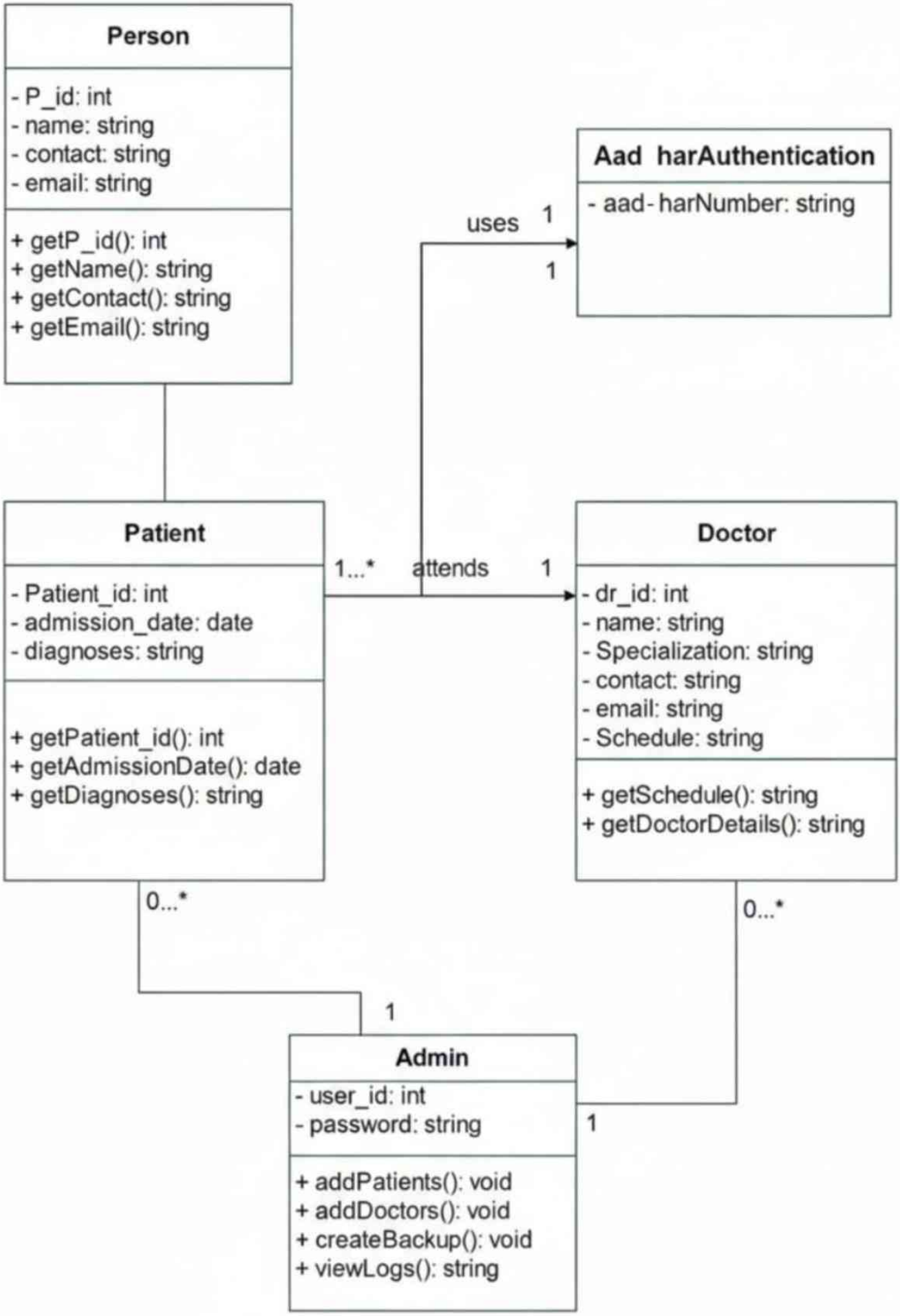

health care website
usecase
View the available Doctors
Search for Available Appointments
Book an Appointment
<<include>>
Manage Appointment
<<include>>
Authenticate Patient
<<Using adharcard>>
<<extend>>
Change Appointment
<<include>>
View Patient records and Information
Send reminder to Patient
View all appointments for specific Doctor
File Medical Reports
Update/Delete Records
Patient
Doctor
Admin


Sequence diagram Health_Care
emergency patient
department
reception
doctor
nurse
bed
enter to emergency unit()
patient registration() (Using AdharCard)
return patient health number()
«message»
locatenurse()
transform to department()
locateavailabledoctor()
locateavailablenurse()
return result
[locate bed]
patient treatment or death
casenot recover transfer to another hospital

Activity diagram health Care webpage

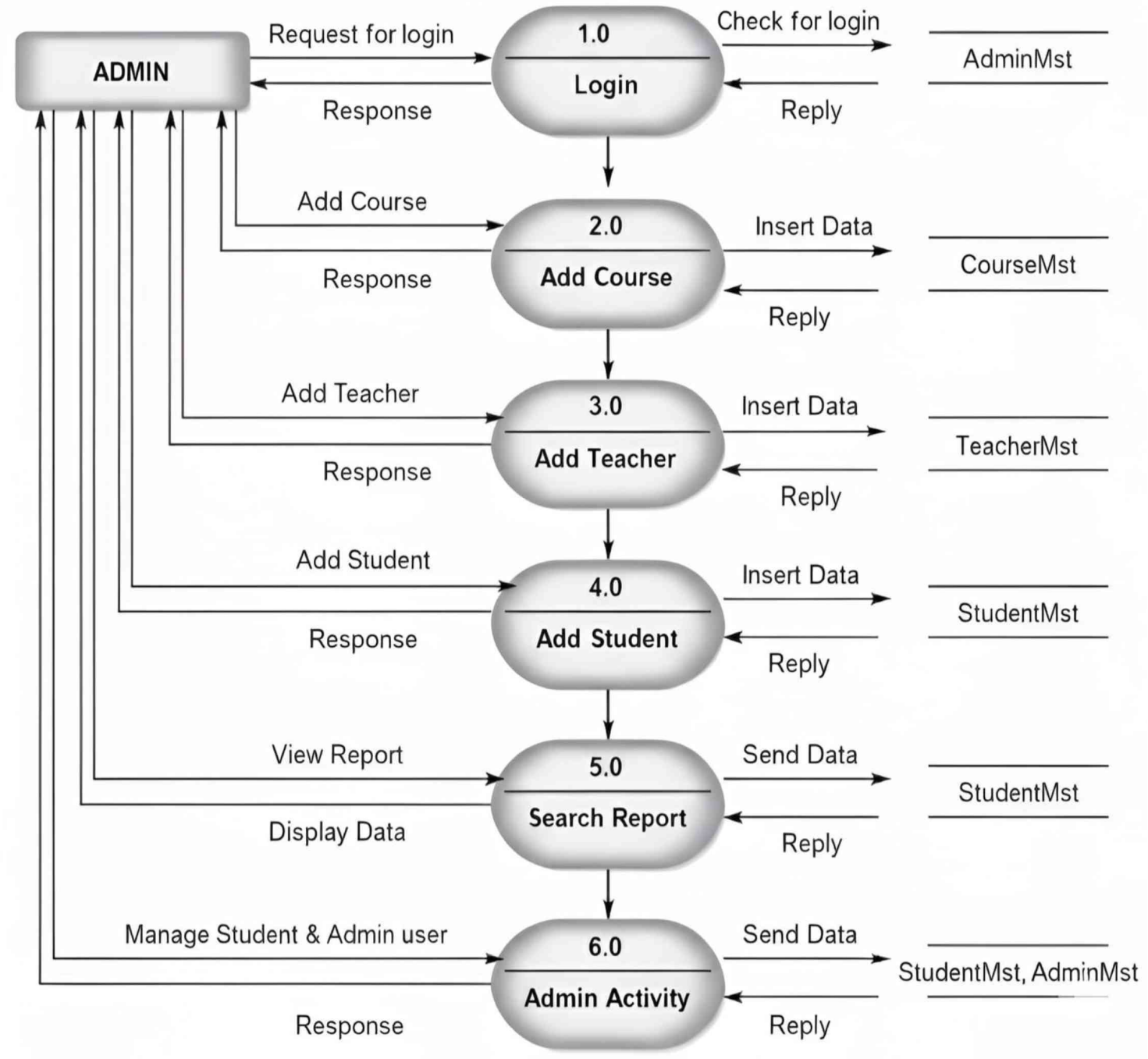


Class diagram health_care

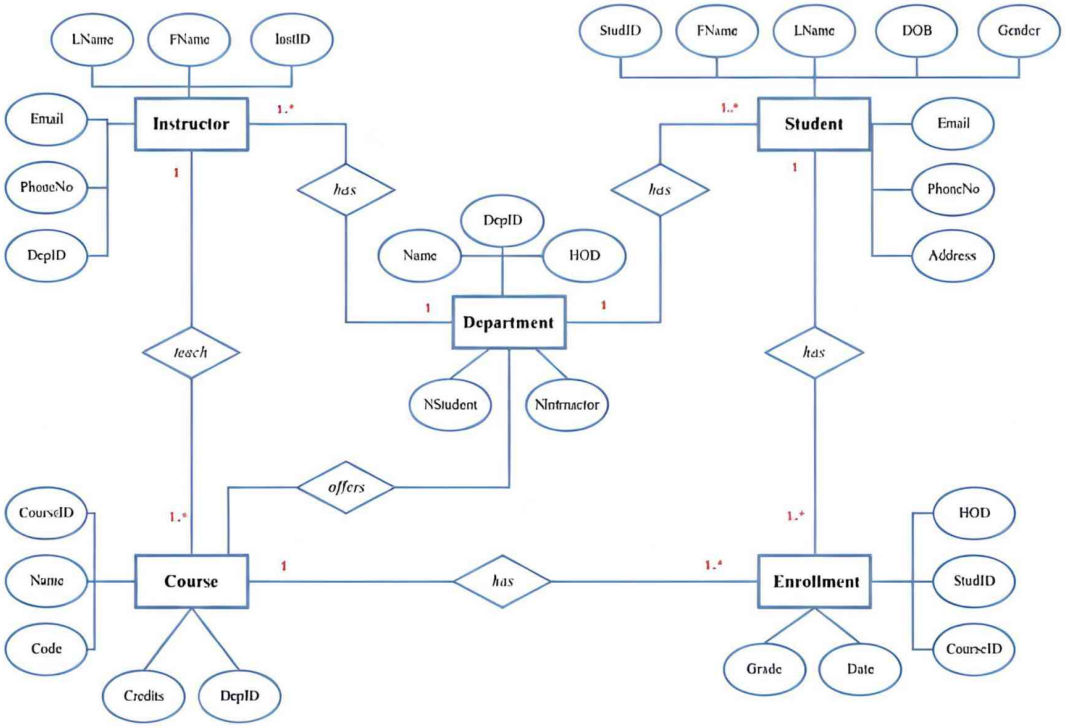


Diagrams Education Website

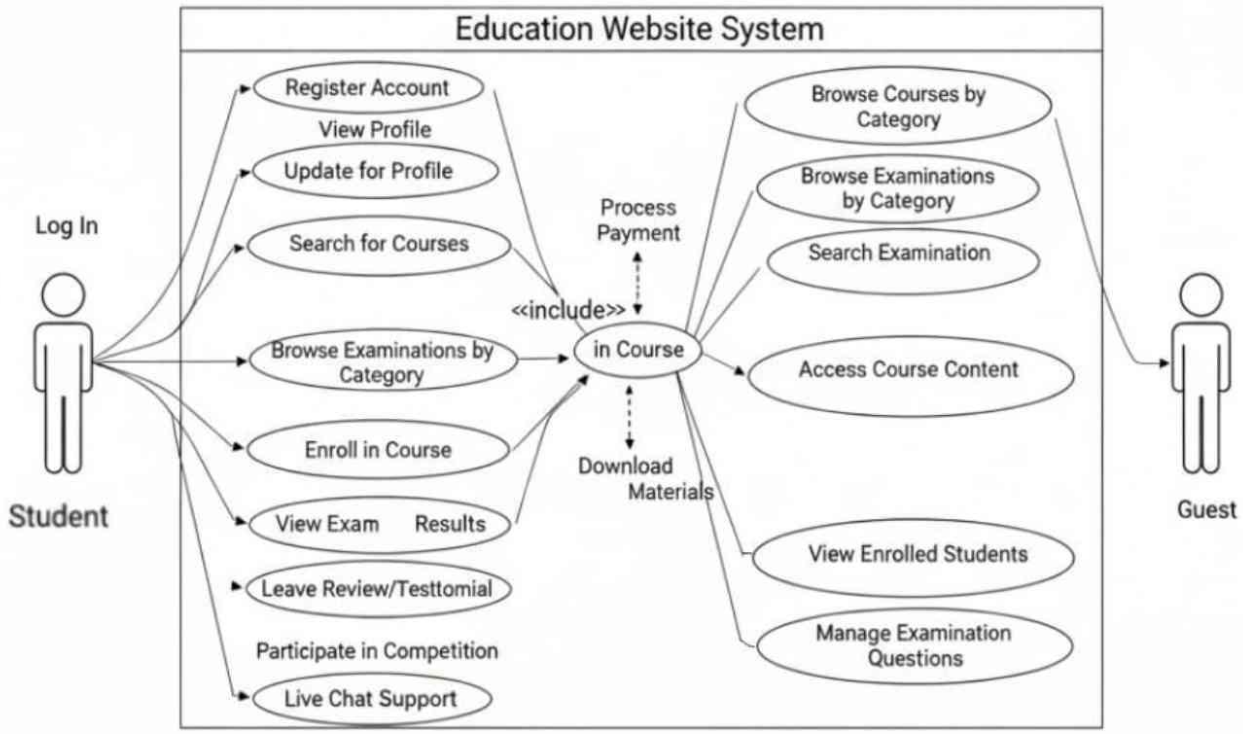
DFD diagram education system

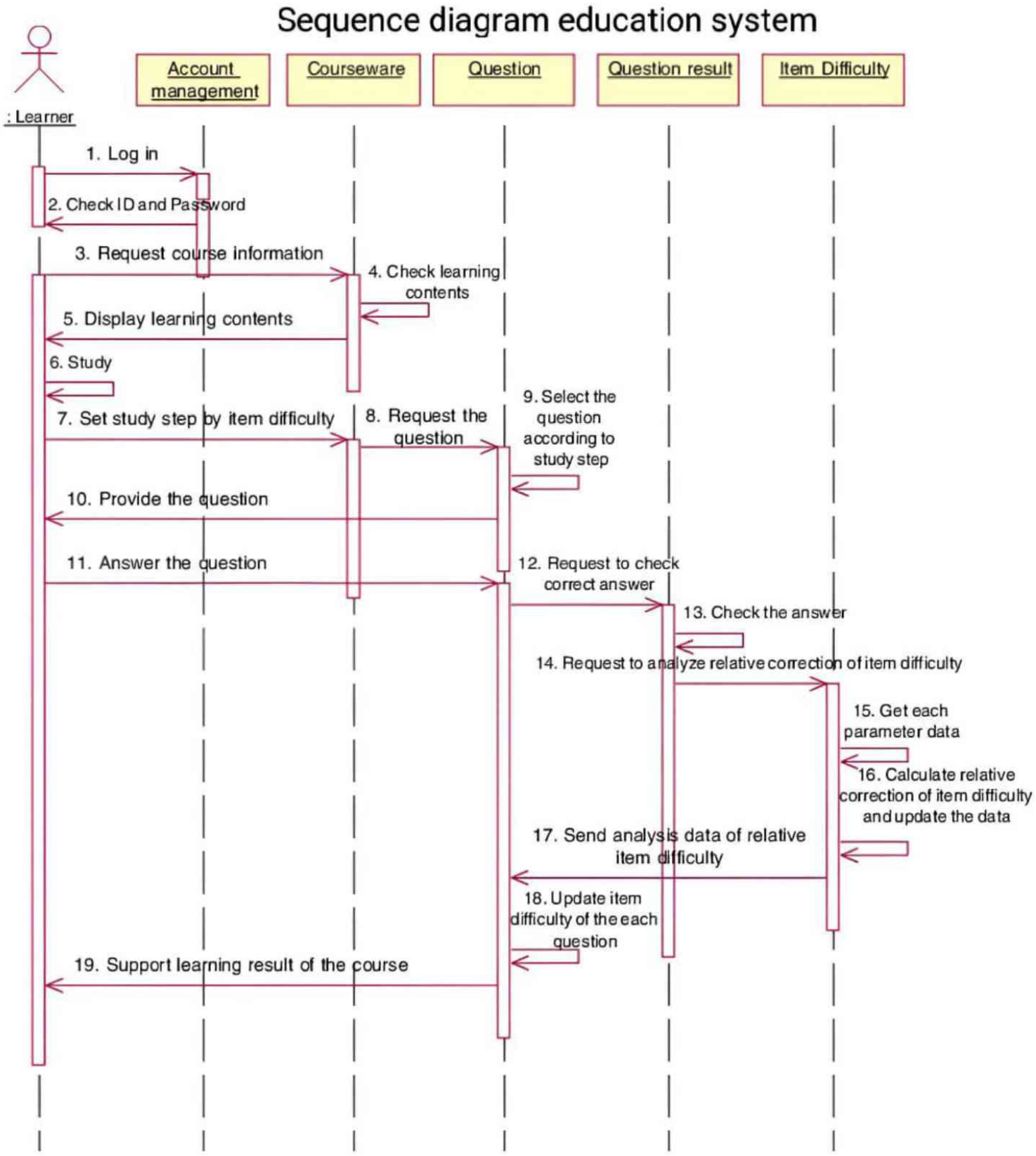


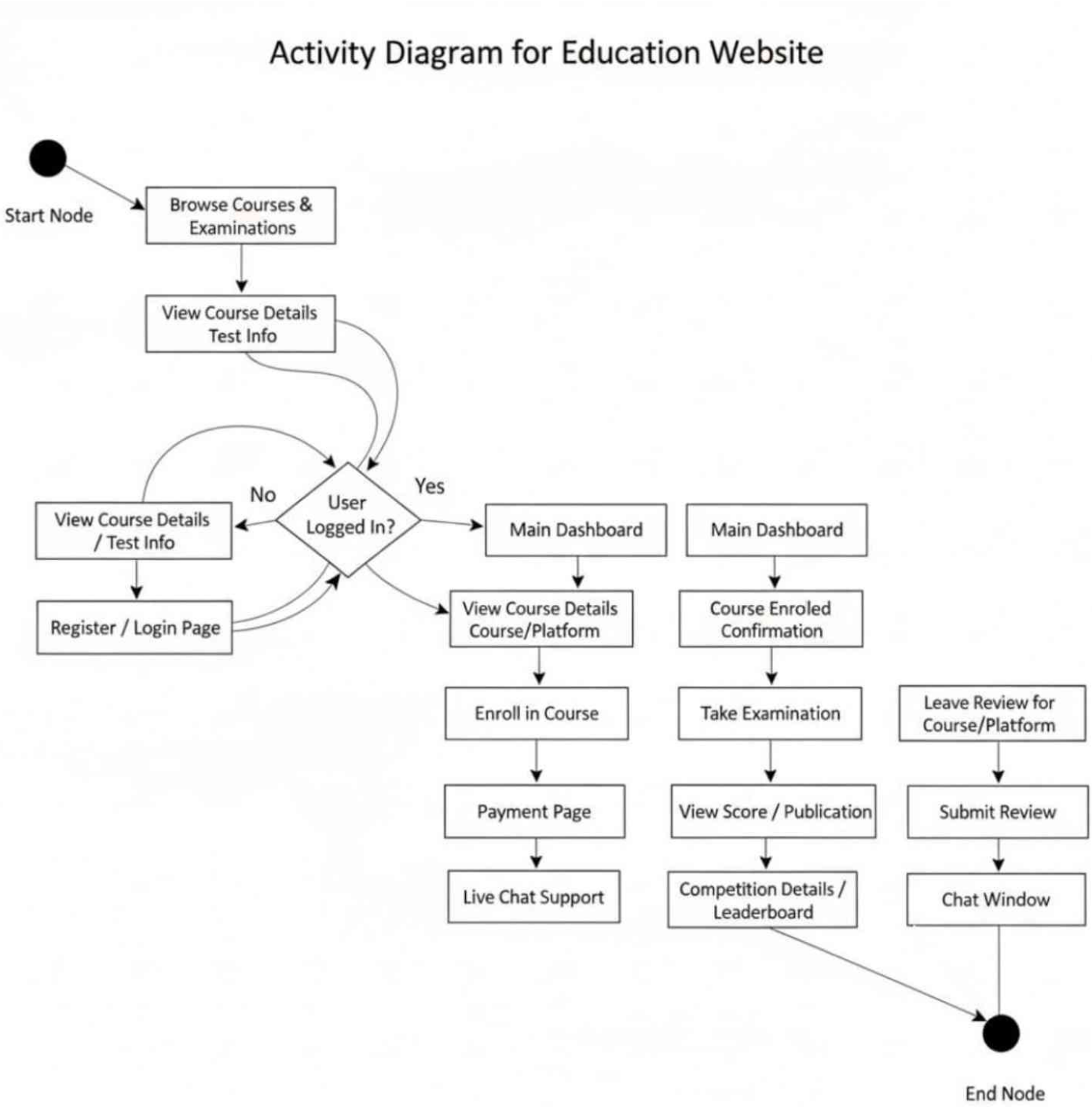
ER diagram for education website



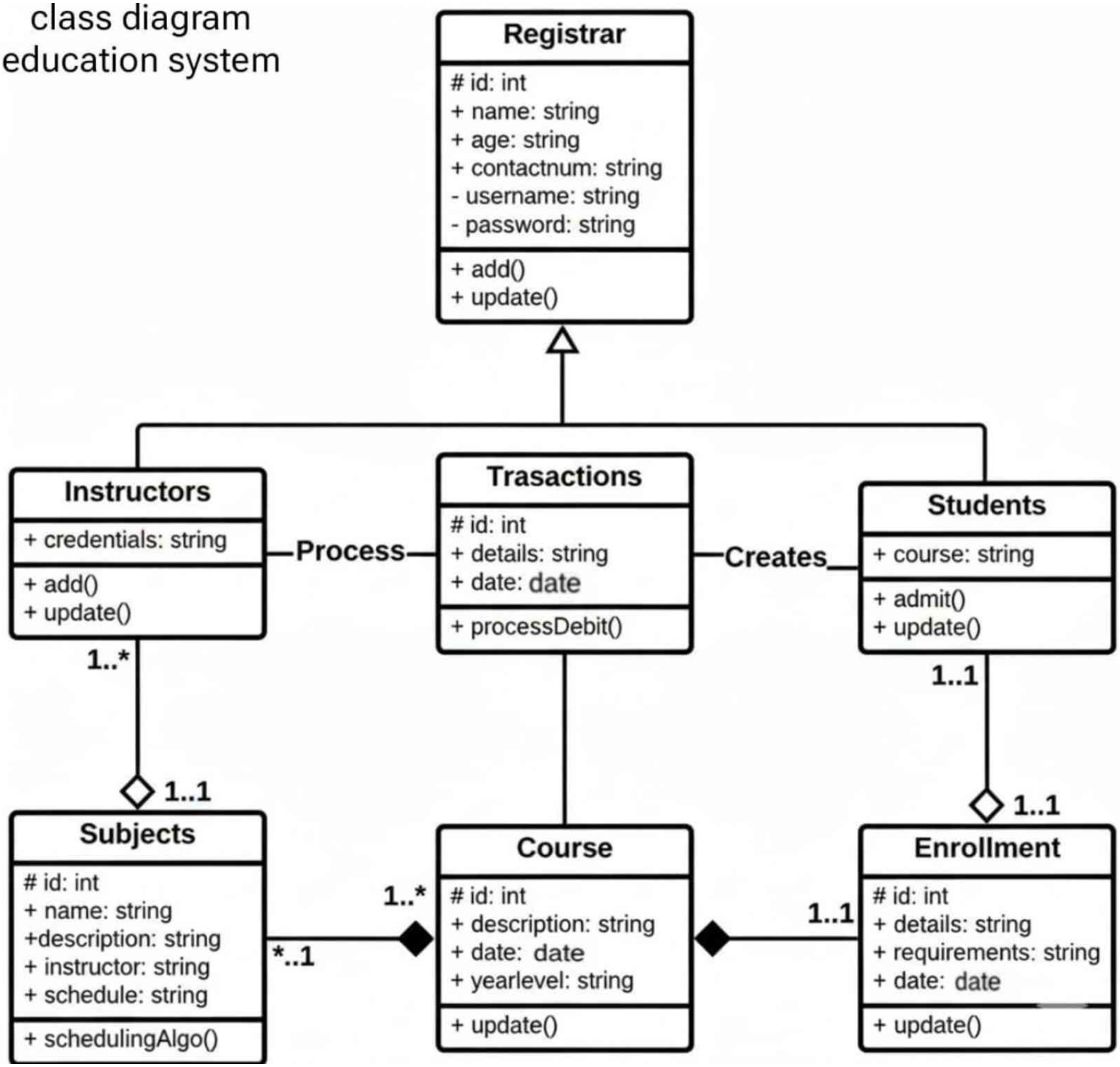
Usecase diagram



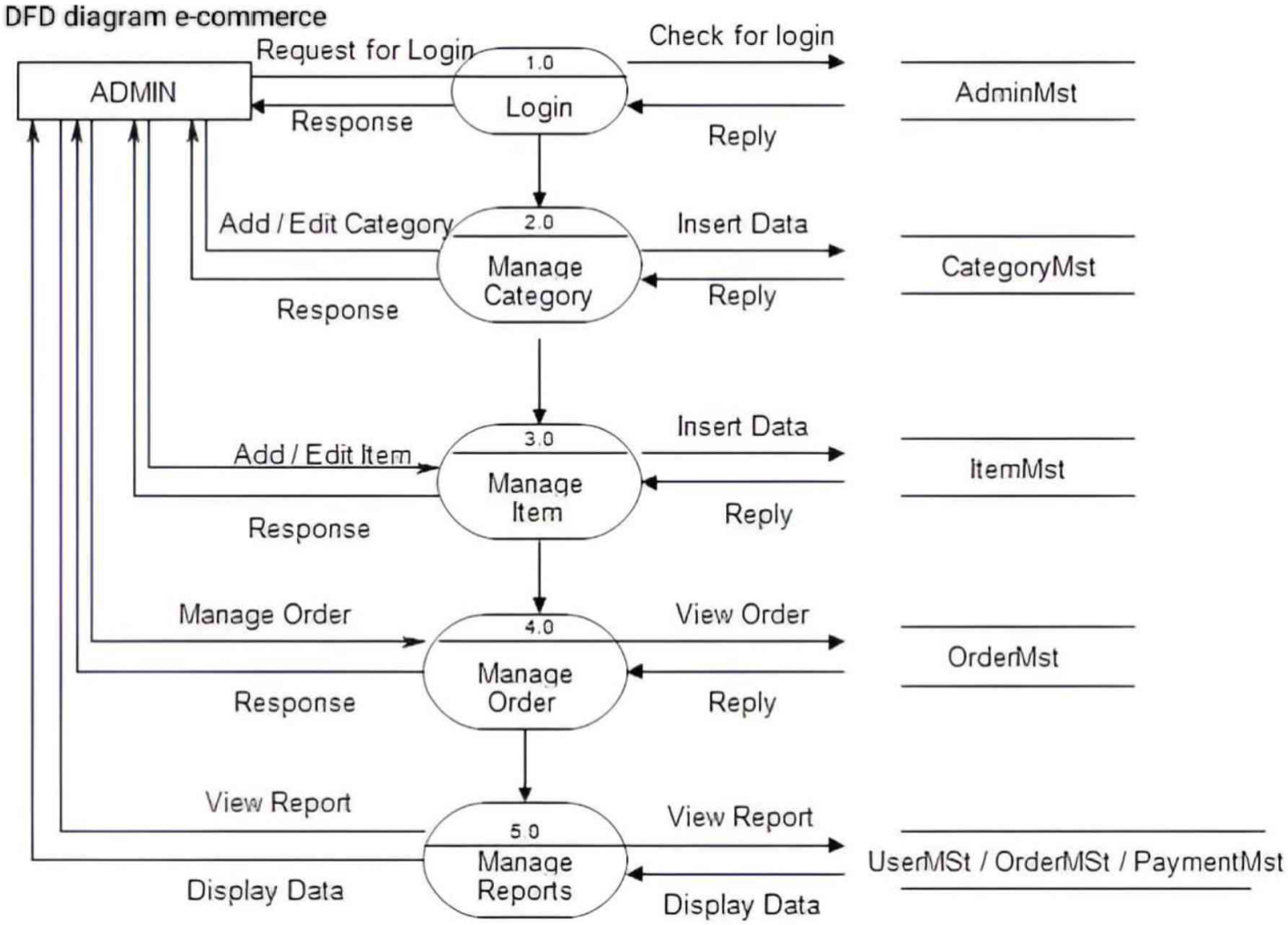

Sequence diagram education system
: Learner
Account management
Courseware
Question
Question result
Item Difficulty
1. Log in
2. Check ID and Password
3. Request course information
4. Check learning contents
5. Display learning contents
6. Study
7. Set study step by item difficulty
8. Request the question
9. Select the question according to study step
10. Provide the question
11. Answer the question
12. Request to check correct answer
13. Check the answer
14. Request to analyze relative correction of item difficulty
15. Get each parameter data
16. Calculate relative correction of item difficulty and update the data
17. Send analysis data of relative item difficulty
18. Update item difficulty of the each question
19. Support learning result of the course

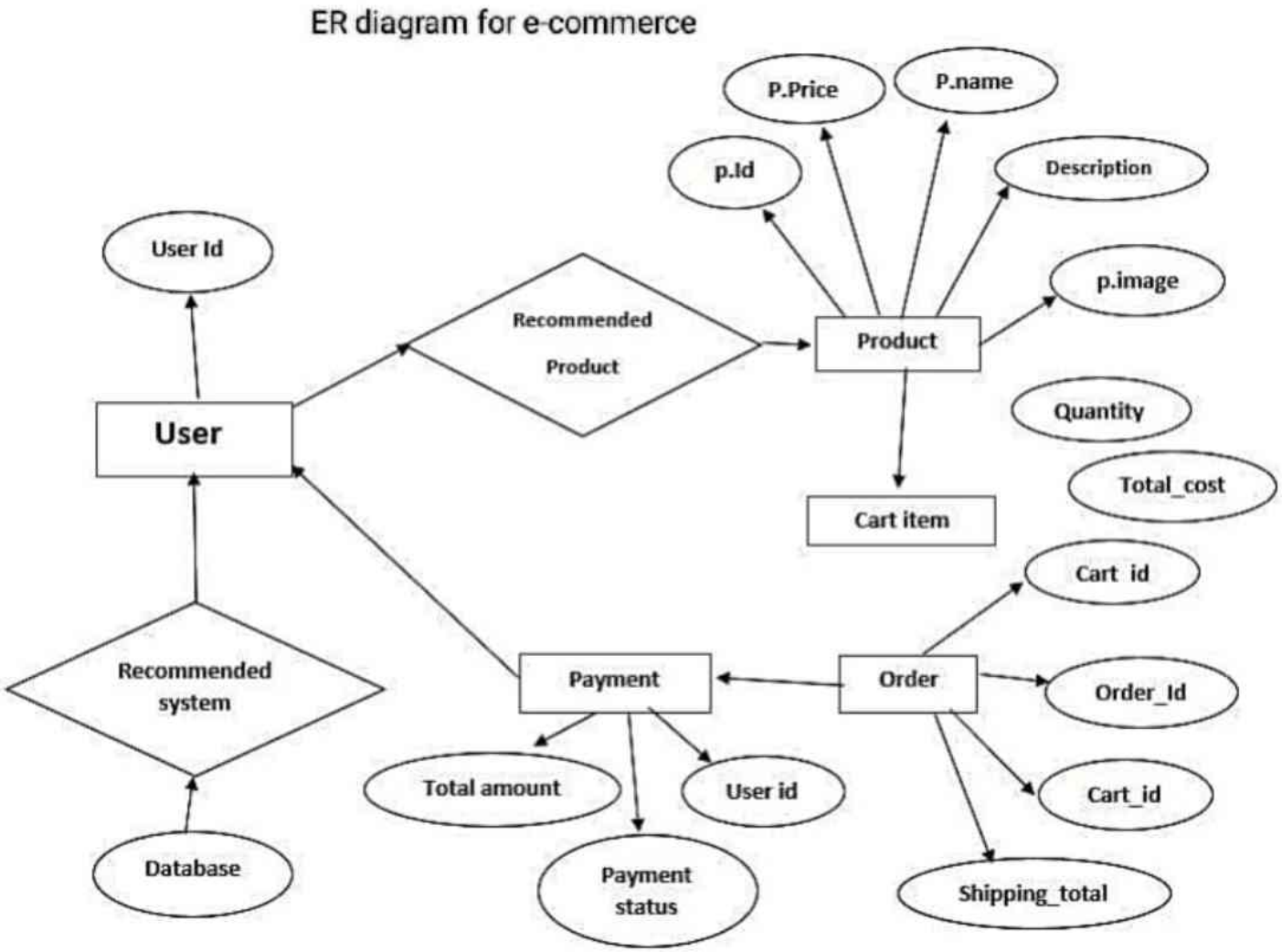

Activity Diagram for Education Website
Start Node
Browse Courses & Examinations
View Course Details Test Info
User Logged In?
No
Yes
View Course Details / Test Info
Register / Login Page
Main Dashboard
View Course Details Course/Platform
Enroll in Course
Payment Page
Live Chat Support
Main Dashboard
Course Enroled Confirmation
Take Examination
View Score / Publication
Competition Details / Leaderboard
Leave Review for Course/Platform
Submit Review
Chat Window
End Node

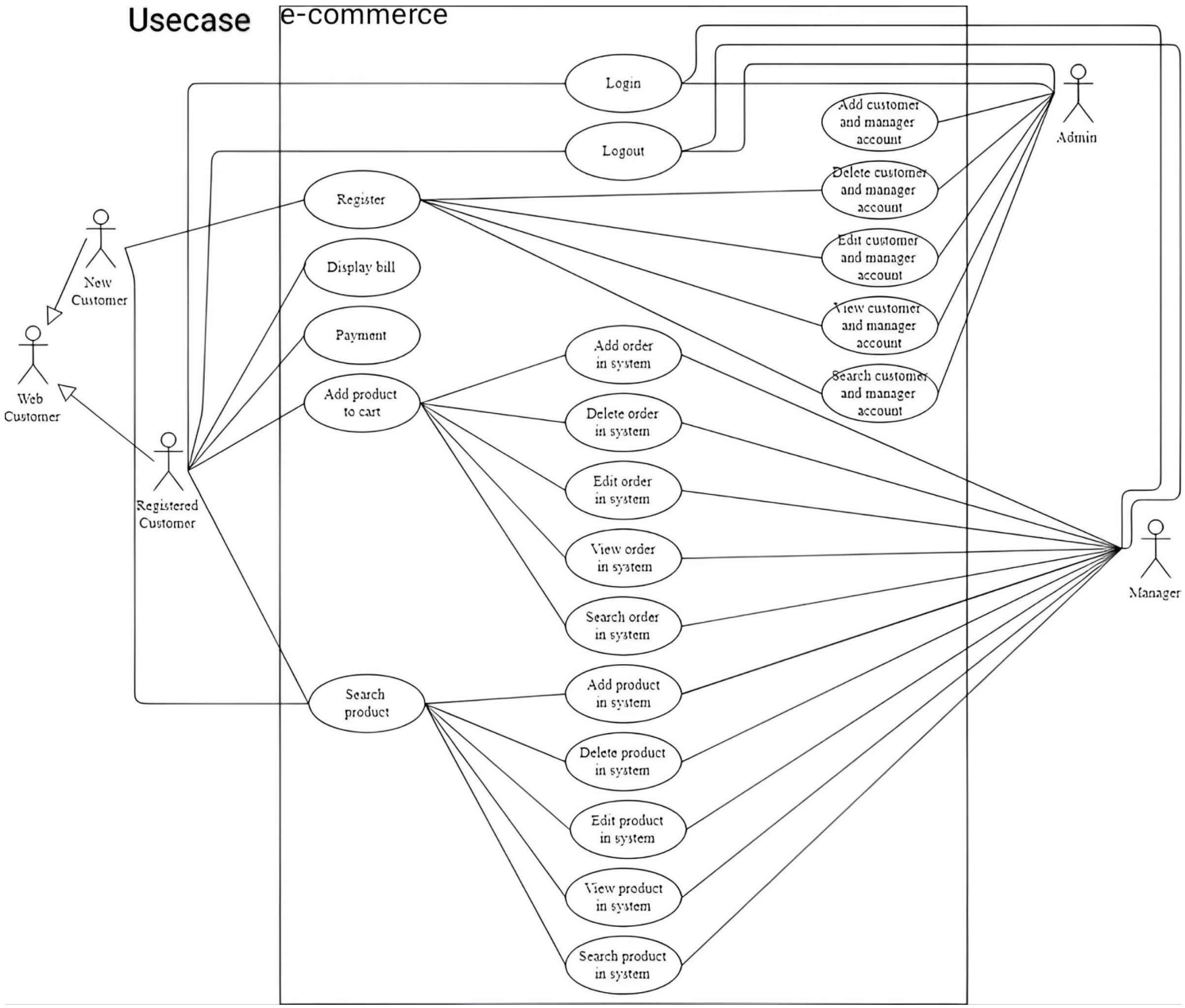
class diagram
education system

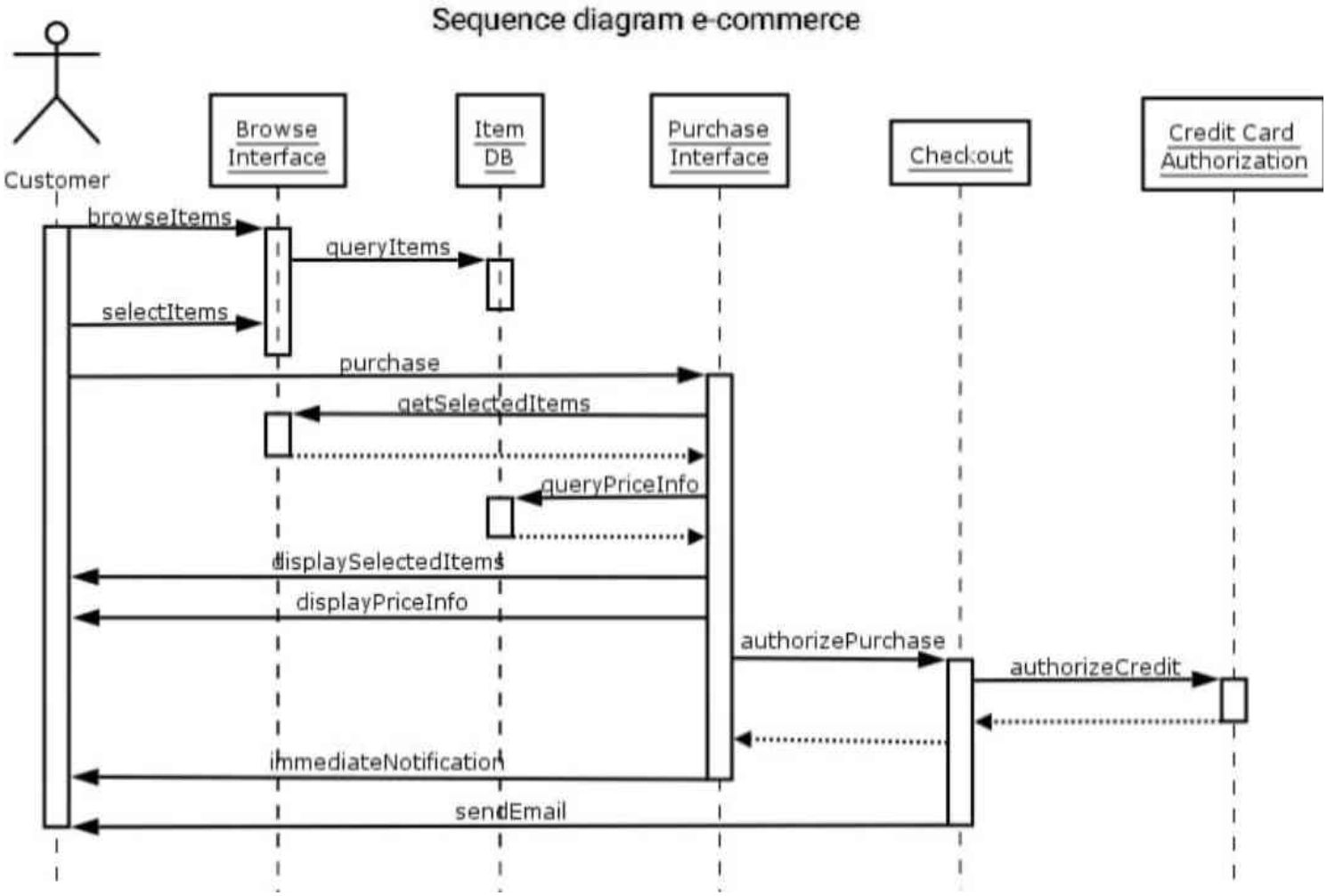


Diagrams E-Commerce

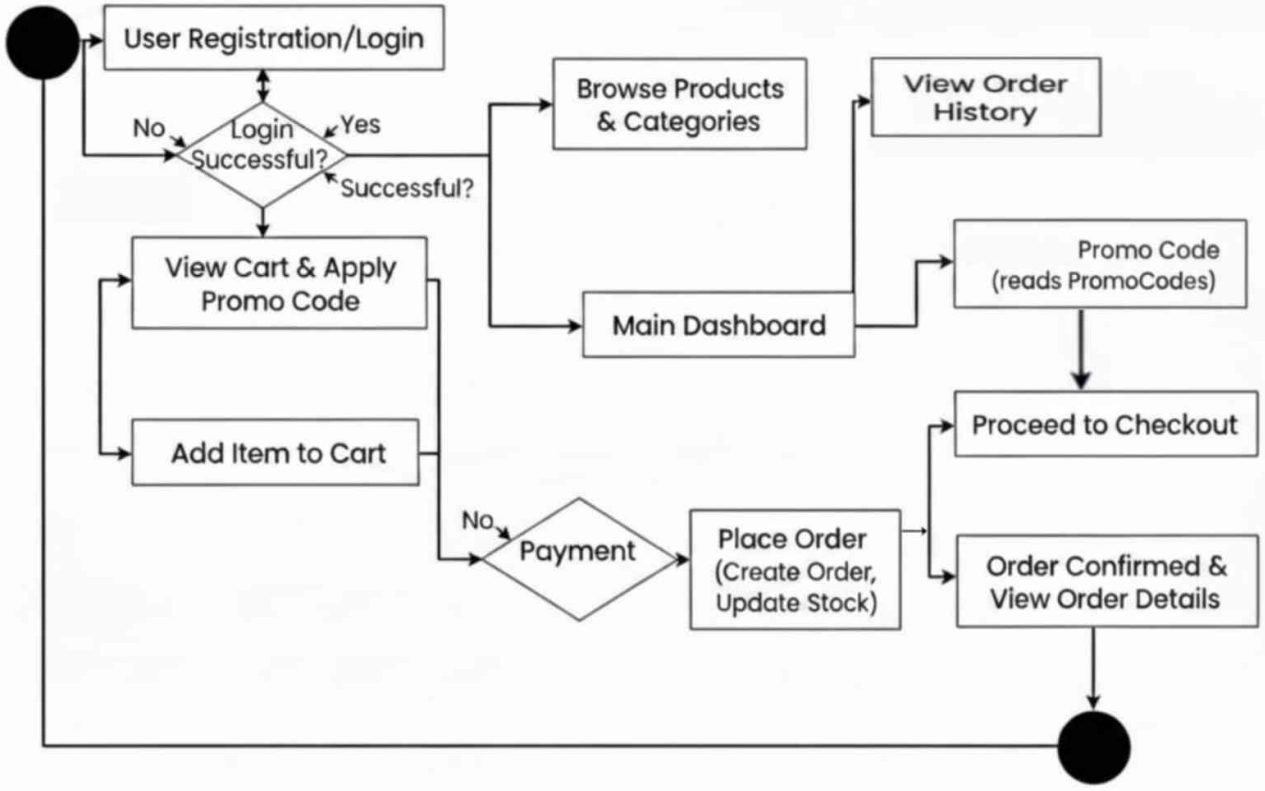

DFD diagram e-commerce
ADMIN
Request for Login
Response
1.0
Login
Check for login
Reply
AdminMst
Add / Edit Category
Response
2.0
Manage Category
Insert Data
Reply
CategoryMst
Add / Edit Item
Response
3.0
Manage Item
Insert Data
Reply
ItemMst
Manage Order
Response
4.0
Manage Order
View Order
Reply
OrderMst
View Report
Display Data
5.0
Manage Reports
View Report
Display Data
UserMSt / OrderMSt / PaymentMst

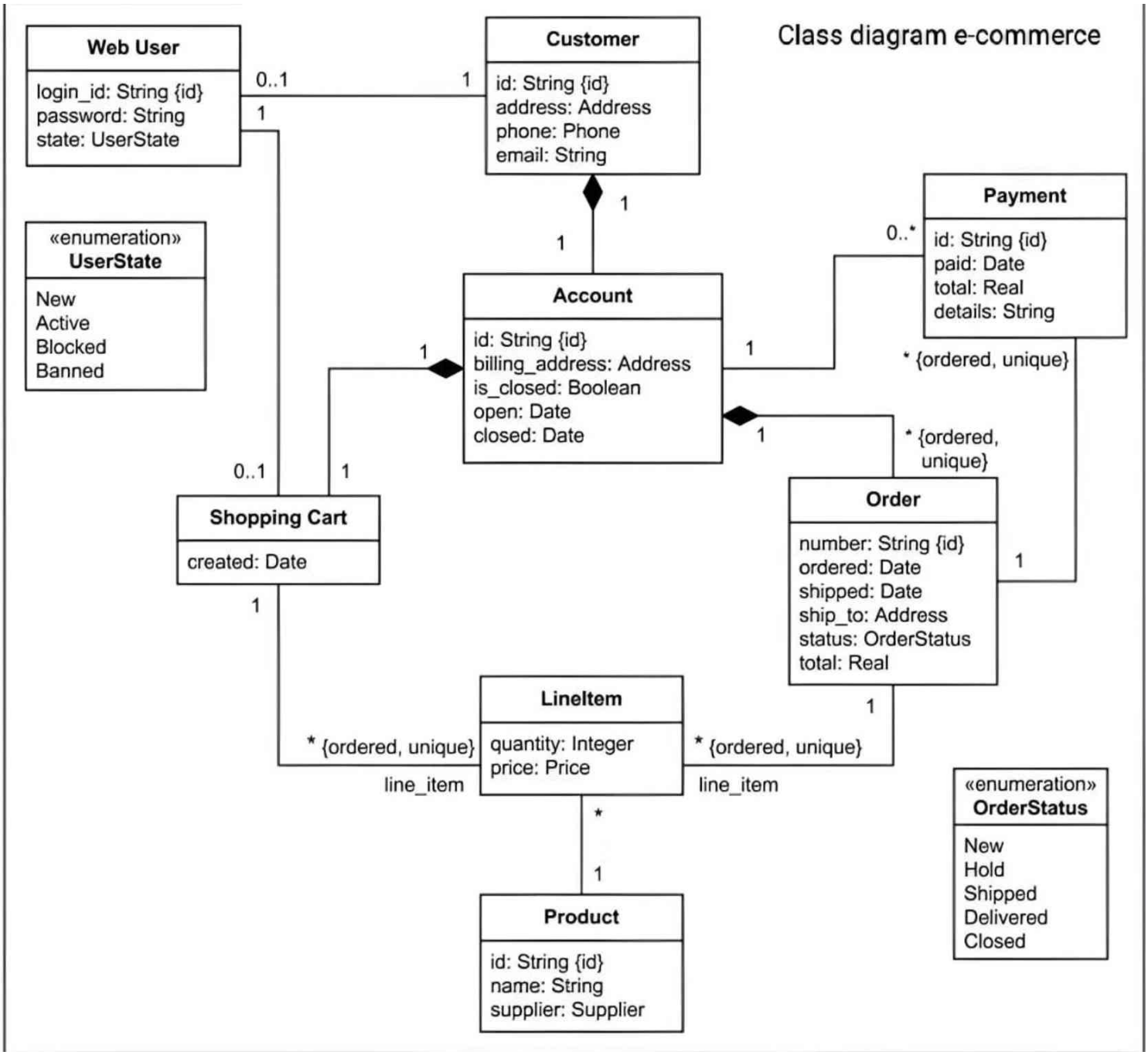

ER diagram for e-commerce
P.Price
P.name
p.Id
Description
User Id
p.image
Recommended
Product
Product
User
Quantity
Total_cost
Cart item
Cart_id
Recommended
system
Payment
Order
Order_Id
Total amount
User id
Cart_id
Database
Payment
status
Shipping_total


Usecase
e-commerce
Login
Logout
Register
Display bill
Payment
Add product to cart
Search product
Add order in system
Delete order in system
Edit order in system
View order in system
Search order in system
Add product in system
Delete product in system
Edit product in system
View product in system
Search product in system
Add customer and manager account
Delete customer and manager account
Edit customer and manager account
View customer and manager account
Search customer and manager account
New Customer
Web Customer
Registered Customer
Admin
Manager


Sequence diagram e-commerce
Customer
Browse Interface
Item DB
Purchase Interface
Checkout
Credit Card Authorization
browseItems
queryItems
selectItems
purchase
getSelectedItems
queryPriceInfo
displaySelectedItems
displayPriceInfo
authorizePurchase
authorizeCredit
immediateNotification
sendEmail

Activity diagram E-commerce




Class diagram e-commerce
Web User
login_id: String {id}
password: String
state: UserState
0..1
1
1
Customer
id: String {id}
address: Address
phone: Phone
email: String
1
1
«enumeration»
UserState
New
Active
Blocked
Banned
Payment
id: String {id}
paid: Date
total: Real
details: String
0..*
Account
id: String {id}
billing_address: Address
is_closed: Boolean
open: Date
closed: Date
1
1
1
* {ordered, unique}
* {ordered, unique}
0..1
1
Shopping Cart
created: Date
1
Order
number: String {id}
ordered: Date
shipped: Date
ship_to: Address
status: OrderStatus
total: Real
1
1
LineItem
quantity: Integer
price: Price
* {ordered, unique}
line_item
* {ordered, unique}
line_item
*
1
Product
id: String {id}
name: String
supplier: Supplier
«enumeration»
OrderStatus
New
Hold
Shipped
Delivered
Closed