Game Shop

- Games
  - GameId (PK AI) INT
  - Name VARCHAR
  - Description VARCHAR
  - Genre VARCHAR
  - SalePrice (to Buy) DECIMAL
  - RentalPrice (per Day) DECIMAL
  - Studio VARCHAR
  - Stock INT
- Users
  - UserId (PK AI) INT
  - Name VARCHAR
  - Role VARCHAR
  - Email VARCHAR
  - PhoneNumber VARCHAR
  - Salt VARCHAR
  - PasswordHash VARCHAR
-
- Sale
  - SaleId (PK AI) INT
  - GameId (FK) INT
  - UserId (FK) INT
  - SaleDate DATE
  - PurchasedPrice DECIMAL
- Review
  - ReviewId (PK AI) INT
  - UserId (FK) INT
  - GameId (FK) INT
  - Rating DECIMAL
  - ReviewMsg VARCHAR
- Rental
  - RentalId (PK AI) INT
  - UserId (FK) INT
  - GameId (FK) INT
  - StartDate DATE
  - EndDate DATE
  - Status VARCHAR

Notes:
- Cart in app

Relations:

- Games- Users: Many to Many

-) Sales, Reviews, and Rentals are the junction tables for MtoM relations between Games - Users.

-) one game can be bought/rented by many users, and one users can buy/rent many games

1.

Welcome to
ROC Gameshop

1. Search games
2. View Cart
3. Login
4. Register

- Allow search by Name
- Sort by Rating (prompt user)
- Sort by Price

Login/Register should dissapear if already logged in

2.

Search Results:

No.	Game	Rating	Price	Stock
1.	Assasin's Creed	4.5	5000	5
2.	Stardew Valley	4.5	5000	5
3.	Call of Duty	4.5	5000	5
4.	Assasin's Creed	4.5	5000	5

Actions:
1. View Game → Enter game no. to view:
2. Search Again
3. View Cart
4. Back

3.

Assassin's Creed

Genre: ...
Description:
.....

Rating: ... (AVG)
Price: ...
Stock: ...

Reviews:

User1 5.0
This is the Best game ever

User2 2.0
meh...

Actions:
1. Buy
2. Rent
3. View Cart
4. Add Review
5. Back

1. Buy/Rent Now
2. Add to cart

Enter qty: ...

1. (For admins)

Welcome to
ROC Gameshop

1. Search games
2. Add game
3. View Sales Report
4. View Rentals Overdue Report
5. View Reviews Report

Review

Prompts:
1. Enter Sales/Rent Report Duration: Yearly/Monthly/Weekly
2. Select category to report:
-a. Action
-b. Horror
-c. Strategy
-d.Simulation
-e. All
>.....

4.

Cart

No.	Game	Buy/Rent	Qty	Subtotal
1.	Assasin's Creed	Buy	2	100,000
2.	Stardew Valley	Rent	1	50,000

Actions:
1. Check out
2. Back

On checkout:
- Check if logged in
- if not Redirect to login page
- If OK add items to db

For admins actions would be:
1. Add stock
2. Edit Game
3. Delete Game

For add review:
- Check if user bought game first

Features:
1. DB/ENV &Repo Stuff
   - a. Games — Razif
   - b. User — Naufal
   - c. Sale — Prihatmaka
   - d. Review — Razif
   - e. Rental — Naufal
2. Home Page
   - f. CLI
   - g. Router — Razif
   - h. User Roles
3. Search
   - i. CLI
   - j. Handler
4. Game Details
   - k. CLI
   - l. Handler
   - m. User Roles
5. Cart Page
   - n. CLI
   - o. Handler
6. User
   - p. Login
   - q. Register
   - r. Roles