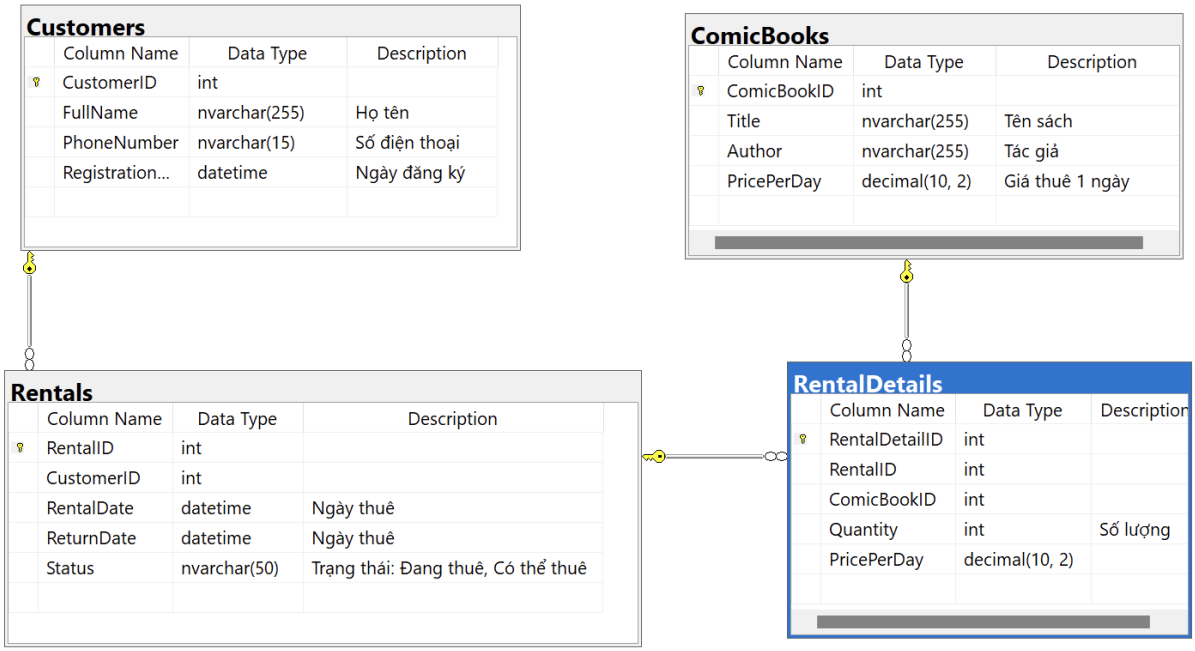
Developing ASP.NET Core MVC Applications - Exam Paper
Duration: 60 minutes | Marks: 15

***Question*:**



The comic system's books have business to rent books. Everyone can rent some books and pay a fee for them. Using ASP.Net core to develop the website with the database diagram above.

Website: comicsys.com

Database Information:

Database name: ComicSystem

Tables: Customers, ComicBook, Rentals, RentalDetails

Requirement:

1. Write a page to create, read, update, delete comic books (insert into **ComicBooks** table).
2. The first time a customer uses it must be registered with some information such as: Fullname, Phone number, Register date (insert into **Customers** table).
3. When a customer rents a book,the book is added to the rental page with some information such as: Rental date, Return date, Quantity, Price per day (Insert into **Rentals** and **RentalDetails** tables).
4. Create a report of all book rents between start date to end date same table below:

No	Book name	Rental date	Return date	Customer name	Quantity
1	Conan	01/10/2024	10/10/2024	Nguyen Hung	1
2	Doraemon	01/10/2024	10/20/2024	Nguyen Hung	3

Marking Schema:

Question	Mark
Question 1 CRUD for comic book	**3**
Question 2 Customer register	**3**
Question 3 Rental book page	**5**
Question 4 Report all book	**3**
Bonus: good UI/UX, coding convention	**1**
Total	**15**

Note:

1. *Students can make it with Code first or Database first. If you use Database First method please commit all scripts to create database, store procedure ….*
2. *Students can make it with MVC model, Web API, any Front End such as reactjs, angular, ...*
3. *Database: SQL Server or MySQL.*