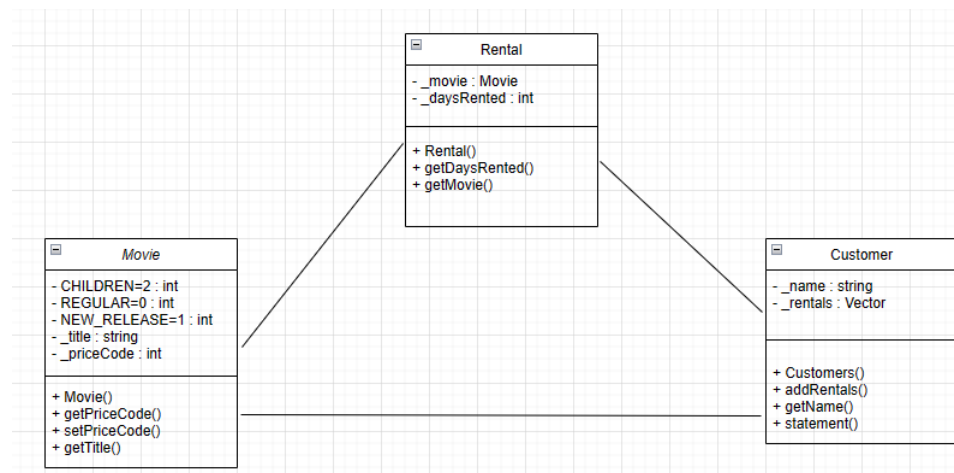


Describe the classes inside the package by drawing a class diagram



```

Rental[] rentals = {
    Rental Record for John
        Rogue One      15
        Frozen  7,5
        Star Wars III  5
    Amount owned is 27,5
    You earned 4 frequent renter points

    C:\Users\ASUS\Downloads\refactoring_csharp\day01\day01\bin\Debug\net7.0\day01.exe (process 28476) exited with code 0.
    To automatically close the console when debugging stops, enable
    Tools->Options->Debugging->Automatically close the console whe
}n debugging stops.
Press any key to close this window . . .

```

Give a list of improvements required to satisfy criteria for the lisibility, the maintainability, the re-usability and the extensibility of your code.

- Replace ArrayList with List<Rental> for type safety and better readability.
- Encapsulate fields using properties: PriceCode, Title, DaysRented, and Movie. - Use consistent naming conventions: Rename getDaysRented and getMovie to GetDaysRented and GetMovie.
- Use var for iterators for cleaner code.
- Use StringBuilder for string concatenation in a loop for better performance.
- Improve switch statement in Customer class by moving pricing logic into the Movie class for better encapsulation.
- Add comments for complex logic, especially within the switch statement, to improve code understanding.

