C# Assignment

Develop a **menu-driven console application** for managing insurance policies using **collections in C#**. The system should allow users to add, update, delete, and search for policies using various criteria. Implement appropriate exception handling and follow object-oriented principles.

Follow the Proper project Structure

       1.Model----Define all properties and ToString() method

       2. Interface –Declare methods

       3. Repository—Write the logic to interact with collections

       4.Exceptions-Implement custom exception

1. Class Structure

- Create a **Policy** class with the following attributes:
    - PolicyID (int, unique identifier)
    - PolicyHolderName (string)
    - PolicyType (enum: Life, Health, Vehicle, Property)
    - StartDate (DateTime)
    - EndDate (DateTime)
- Implement **constructor(s)**, **properties**

2. Implement the following Methods

- **Add a New Policy**
- Accept input from the user and validate details before adding it to the collection.
- Ensure that the PolicyID is unique.

- **View All Policies**
- Display all stored policies in a formatted manner.

- **Search Policy by ID**
- Allow the user to input a PolicyID and display the details if found.

- **Update Policy Details**
- Search for a policy by PolicyID and allow modification of details (excluding PolicyID).

Delete a Policy
Remove a policy using PolicyID after confirming with the user.

View Active Policies
List all policies where IsActive() returns true.

3. Implement **PolicyNotFound** Exception When deleting it with Id