BeSpoked Bikes

BeSpoked Bikes is looking to create a sales tracking application. BeSpoked is a high-end bicycle shop and each salesperson gets a commission for each bike they sell. They are introducing a new quarterly bonus based on sales as an incentive.

They are asking you to design a simple sales tracking application to help track the commission and determine each salesperson's quarterly bonus.

They will need at a minimum the following components:
- Data layer
    - Entities
        - Products – Name, Manufacturer, Style, Purchase Price, Sale Price, Qty On Hand, Commission Percentage
        - Salesperson – First Name, Last Name, Address, Phone, Start Date, Termination Date, Manager
        - Customer – First Name, Last Name, Address, Phone, Start Date
        - Sales – Product, Salesperson, Customer, Sales Date
        - Discount – Product, Begin Date, End Date, Discount Percentage
        - Seed with sample data for testing
- Middle tier
    - Allows for client access to the data layer
- Client
    - Display a list of salespersons
    - Update a salesperson
    - Display a list of products
    - Update a product
    - Display a list of customers
    - Display a list of sales. Optionally filter by date range. This should include the Product, Customer, Date, Price, Salesperson, and Salesperson Commission.
    - Create a sale
    - Display a quarterly salesperson commission report
- Additional Requirements
    - Products – No duplicate product can be entered.
    - Salespersons – No duplicate salesperson can be entered.

Non-functional Requirements
- Publish the source code to an online source code repository of your choosing.
- Optional: Host in Azure.