Book Store

1. Description

Build a Book store which lets user to buy from the web site, it also include to find and search books based on category, title and author name

There will be two different roles, which need to support your application

1. User
2. Admin
3. Wireframes

UI needs improvisation and modification as per given use case, you are free to add your creativity, but design must be responsive

Diagram

Description automatically generated with medium confidence

1. Guidelines
   1. Angular
      1. - Reactive Forms
      2. - Bootstraps (For CSS)
      3. - Routing (Dynamic Loading with Module Structure)
      4. - Services for API Calls [Observables]
      5. - Component Communication/Interaction with each other
   2. ***Backend***
      1. *Web API*
      2. *- Layard Architecture (Data Layer, Service Layer, Controller Layer)*
      3. *- DB Connection*
      4. *- Routing*
      5. *- Exception handling*
      6. *- Usage of Interfaces/Abstract Class/DI (Dependency Injection)*
      7. *- Logging (Debug Logs)*
2. Problem Statements

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| **Admin Module**   1. Admin shall be able to login / logout 2. There can be pre-define username / password for admin 3. Admin shall be able to add / edit / delete category    1. CategoryId    2. CategoryName    3. Description    4. Image    5. Status    6. Position    7. CreatedAt 4. Category must be sorted by position 5. Display category only where status is true 6. Display Category List on Home Page 7. Search books based on category 8. Admin can add / edit / delete books    1. BookId    2. CategoryId    3. Title    4. ISBN    5. Year    6. Price    7. Description    8. Position    9. Status    10. Image 9. Admin able to manage user can activate / deactivate account 10. Admin can be able to view orders place by customer / user 11. Admin can be able to add coupon code which can be use by customer by placing order |
| **User Module**   1. Users need to register 2. User can be able to login / logout 3. User can search for book by name / category / ISBN / Author 4. User can see only book and category if their status is true 5. User can see new books 6. User can see featured book on home page 7. User can create a Wishlist of his / her favorite books 8. User can add books in the cart and place the order 9. User must be login before placing order 10. Can be able to manage the cart, add/ remove and update qty 11. Can be able to save / edit / delete shipping address 12. Can be able to apply discount coupon while placing order |