

ISAD251 Database Application Development

Course Work Design Document (rev. 08/Jan/2020)

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GitHub repository: <https://github.com/alexwong3434/ISAD251>

YouTube video: <https://youtu.be/3x9iR-DzzxY>

Storyboard



Using an Application which can be access by Mobile/PC

Make Order by Customer/Staff and keep everything on record.

Application Functions by User Role

For All Users (Including Anonymous User)

- Change Account Password
- Browse Items Menu
- Add Items to Shopping Cart (Create New Order)
- View Shopping Cart (View Current Order)
- Remove Item from Shopping Cart (Remove Item from Current Order)
- Check Out Current Order
- Look up Previous Order

For Visitor (Anonymous User)

- Register New Account

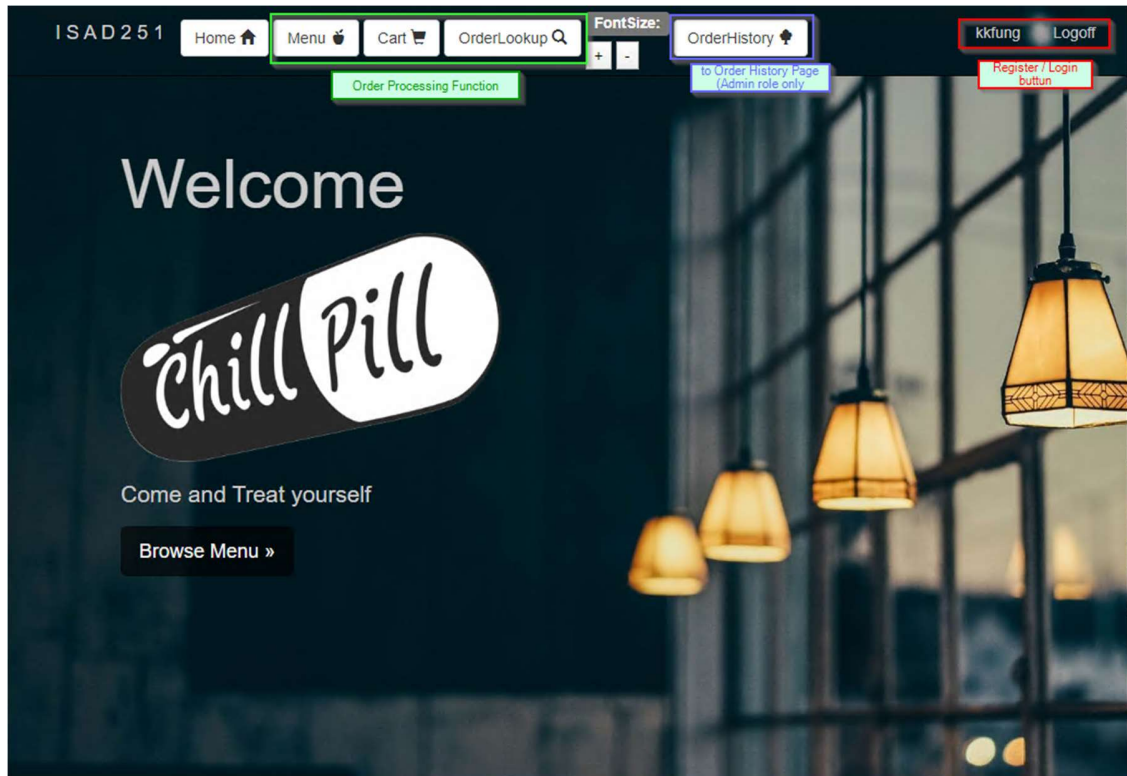
For Member (Registered User)

- Change Account Password

For Admin

- Change Account Password
- Browse Items Menu (Including Hidden Items)
- Create New Item
- Edit Existing Item (Changing Name/Price/Genre/Description/Picture Url/Toggle HiddenTag)
- Delete Item
- Browse All Previous History

Application Layout



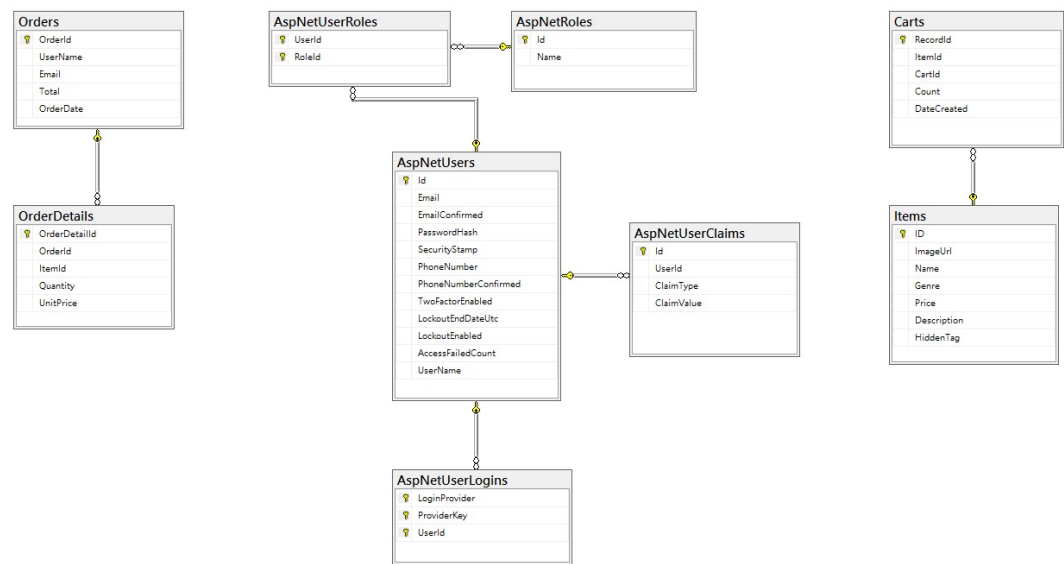
Application Admin

Login: kkfung

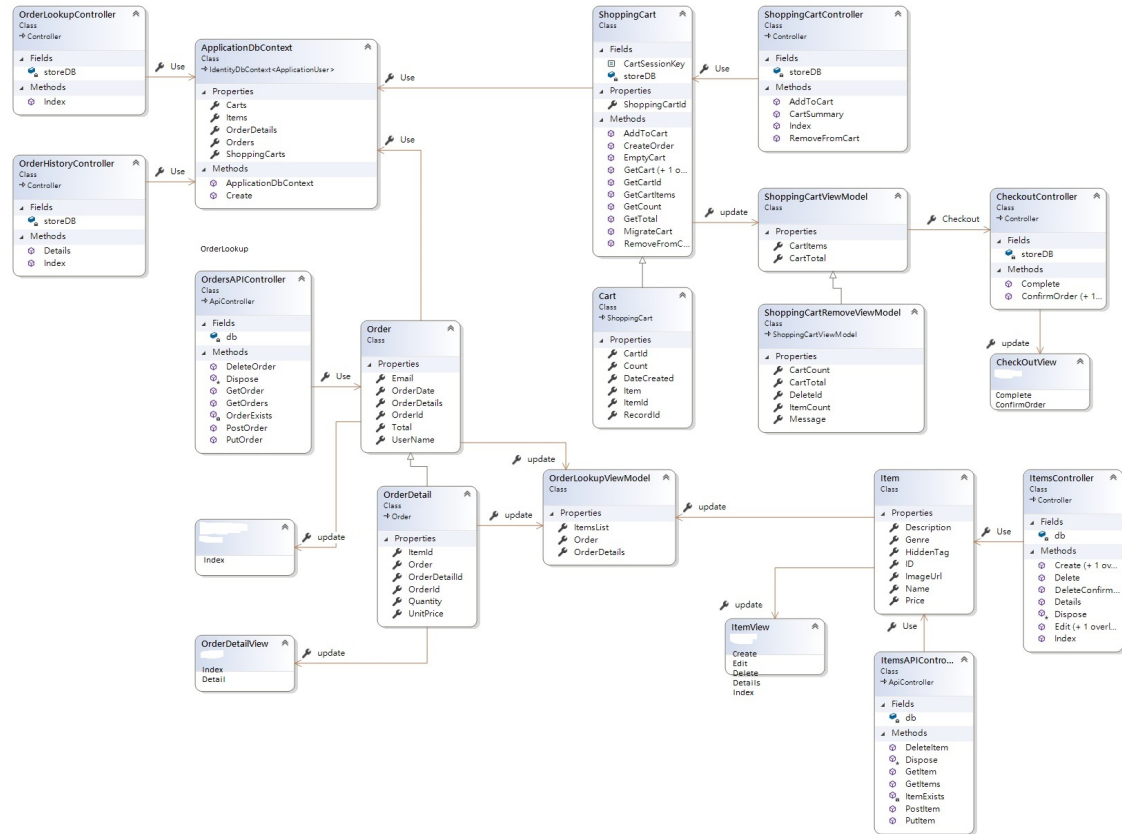
Password: Abc@123

Hardcoded in Startup.cs

Entity Relationship diagram



UML Diagram



Something I would change if I had more time

- Website Zoom Level button
- Order statistics page /Dashboard
- Giving Discount to Order
- Item Menu sort by Genre
- User can Check their own Order History
- Field Validation Using Data Annotations (Order Lookup)

References

Asp .net MVC Tutorial:

C-SharpCorner - Asp .net MVC 5 Security and User Role

<https://www.c-sharpcorner.com/UploadFile/asmabegam/Asp-Net-mvc-5-security-and-creating-user-role/>

Microsoft.com - MVC 3 Music Store

<https://docs.microsoft.com/en-us/aspnet/mvc/overview/older-versions/mvc-music-store/>

Microsoft.com - MVC 5 Basic

<https://docs.microsoft.com/en-us/aspnet/mvc/overview/getting-started/introduction/getting-started>

GetBootStrap.com – Bootstrap Resources

<https://getbootstrap.com/>

Storyboard Creator

<https://www.storyboardthat.com/storyboard-creator>