# TASK ASSIGNMENTS

Refer to the GitHub Projects for assigned developers and task completion dates

## Timeline/Deadlines (Estimate)

### 1/27 - 1/31

User model, repository, and database stored procedures

Admin model, repository, and database stored procedures

Customer model, repository, and database stored procedures

Purchasing system (i.e. shopping cart)

### 1/28 - 1/31

Authentication

Admin, login, and customer views

### 2/1 - 2/4

Unit testing and adding validation

### 2/4 - 2/6

Project completion

Project review

# SUMMARY

We will all be taking on multiple aspects of the project. The goal is to create the initial drafts of the diagrams together. Yareni and Jude will be mainly doing the database, setting up the repositories. Susan and Yareni will mainly be working on the views meanwhile Jude and Susan work on the authentication portion. There will be overlapping roles and people will fix each other's code when necessary. Please refer to the GitHub repository to see commits.

# SCHEDULE

Jude: M-Sat: 16:00 – 20:30, Sun: 14:00 – 20:30, flexible – schedule beforehand to call

Yareni: M-F, Sun: Morning – 17:00, schedule after 19:00

Susan: M-F: Morning, on call only, Sat. - Sun.: schedule in advance

# DIAGRAMS

## Database - ERD Diagram

**Initial**

Gourmet Shop DB Schema

**Final**
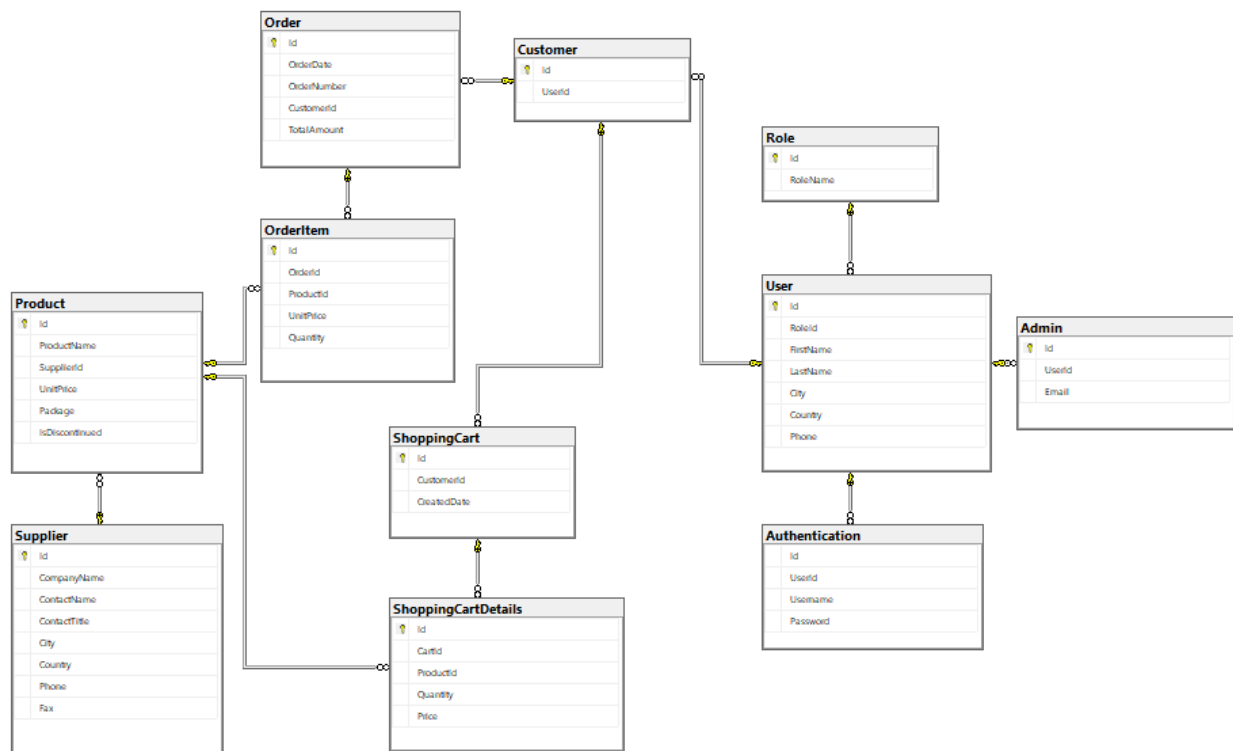


## Code - Class Diagram

**Initial**

Customer User Interface UML.vsdx

**Final**

| frmAddProduct | frmAddSupplier | frmAdminMain | frmProducts |
|---|---|---|---|
| Class | Class | Class | Class |
| → Form | → Form | → Form | → Form |

| frmSuppliers | GourmetShopSt... | GourmetShopUt... | GourmetShopVa... |
|---|---|---|---|
| Class | Static Class | Static Class | Static Class |
| → Form | | | |

| Program | Resources | Settings |
|---|---|---|
| Static Class | Class | Sealed Class |
| | | → ApplicationSettingsBa... |

| frmCustomerMain | frmShoppingCart | Program |
|---|---|---|
| Class | Class | Static Class |
| → Form | → Form | |

| Resources | Settings |
|---|---|
| Class | Sealed Class |
| | → ApplicationSettingsBa... |

## Class Diagram

**GourmetShopR...**
Class

| Interface | Class |
|---|---|
| ⌐ IAuthRepository | **AuthRepository** — Class — ⊕ GourmetShopRepost... |
| ⌐ ICustomerRepository | **UserRepository** — Class — ⊕ GourmetShopRepost... |
| ⌐ IProductRepository_CRUD | **CustomerReposi...** — Class — ⊕ GourmetShopRepost... |
| ⌐ IShoppingCartRepository | **ProductReposit...** — Class — ⊕ GourmetShopRepost... |
| ⌐ IAdmin | **ShoppingCartRe...** — Class — ⊕ GourmetShopRepost... |
| ⌐ ISupplierRepository_CRUD | **AdminRepository** — Class — ⊕ GourmetShopRepost... |
| | **SupplierReposit...** — Class — ⊕ GourmetShopRepost... |

**IUserRepository...**
Generic Interface

**IGourmetShopR...**
Generic Interface

**IAdmin**
Interface
⊕ IGourmetShopRepost...
⊕ IUserRepository<Adm...

**IProductReposit...**
Interface
⊕ IGourmetShopRepost...

**IShoppingCartR...**
Interface
⊕ IGourmetShopRepost...

**ISupplierReposi...**
Interface
⊕ IGourmetShopRepost...

**ICustomerRepos...**
Interface
⊕ IGourmetShopRepost...
⊕ IUserRepository<Cust...

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**Admin**
Class

**Authentication**
Class

**AuthService**
Class

**Customer**
Class

**Order**
Class

**OrderItem**
Class

**PasswordHasher**
Static Class

**Product**
Class

**SessionData**
Class

**ShoppingCart**
Class

**ShoppingCartD...**
Class

**Supplier**
Class

**User**
Class

**IAuthRepository**
Interface

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**EmailValidator**
Static Class

**frmLogin**
Class
⊕ Form

**frmNewAdmin**
Class
⊕ Form

**frmNewUser**
Class
⊕ Form

**LoginFormUtils**
Static Class

**PhoneNumberV...**
Static Class

**Program**
Static Class

**Resources**
Class

**Settings**
Sealed Class
⊕ ApplicationSettingsBa...