1) Class Diagram:

Here's a class diagram representing the described scenario:

```

--------------------------------------

| GroceryStore |

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| - stores: Store[] |

|-------------------------------------|

| + addStore(store: Store): void |

| + removeStore(store: Store): void |

| + getStores(): Store[] |

| + findStoreById(id: string): Store |

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|

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| Store |

--------------------------------------

| - storeId: string |

| - stockItems: StockItem[] |

| - customers: Customer[] |

|-------------------------------------|

| + addStockItem(item: StockItem): void|

| + removeStockItem(item: StockItem): void|

| + getStockItems(): StockItem[] |

| + addCustomer(customer: Customer): void|

| + removeCustomer(customer: Customer): void|

| + getCustomers(): Customer[] |

| + findCustomerById(id: string): Customer |

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|

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| StockItem |

--------------------------------------

| - itemId: string |

| - itemName: string |

| - itemQuantity: int |

| - itemPrice: float |

--------------------------------------

^

|

--------------------------------------

| Customer |

--------------------------------------

| - customerId: string |

| - customerType: CustomerType |

| - registered: boolean |

| - membershipCard: MembershipCard |

--------------------------------------

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|

--------------------------------------

| MembershipCard |

--------------------------------------

| - cardId: string |

| - discount: float |

--------------------------------------

```

2) Sequence Diagrams:

a) Sequence Diagram for Online Order:

```

+-------------------------+ +----------------------+

| Online Customer | | Grocery Store |

+-------------------------+ +----------------------+

| |

| selectItems() |

|------------------------------------------>|

| |

| finalizeOrder(orderDetails) |

|------------------------------------------>|

| |

| makePayment(paymentMethod) |

|------------------------------------------>|

| |

| |

```

b) Sequence Diagram for Walk-In Customer:

```

+-------------------------+ +----------------------+

| Walk-In Customer | | Grocery Store |

+-------------------------+ +----------------------+

| |

| selectItemsInStore() |

|------------------------------------------>|

| |

| makePayment() |

|------------------------------------------>|

| |

| |

```

Apologies for the confusion. Here are the graphical representations of the class diagram and sequence diagrams:

1) Class Diagram:

```

+------------------+

| GroceryStore |

+------------------+

| - stores |

+------------------+

|

|

+------------------+

| Store |

+------------------+

| - storeId |

| - stockItems |

| - customers |

+------------------+

|

|

+------------------+

| StockItem |

+------------------+

| - itemId |

| - itemName |

| - itemQuantity |

| - itemPrice |

+------------------+

|

|

+------------------+

| Customer |

+------------------+

| - customerId |

| - customerType |

| - registered |

| - membershipCard |

+------------------+

|

|

+------------------+

| MembershipCard |

+------------------+

| - cardId |

| - discount |

+------------------+

```

2) Sequence Diagrams:

a) Sequence Diagram for Online Order:

```

+-------------------------+ +----------------------+

| Online Customer | | Grocery Store |

+-------------------------+ +----------------------+

| |

| selectItems() |

|------------------------------------------>|

| |

| finalizeOrder(orderDetails) |

|------------------------------------------>|

| |

| makePayment(paymentMethod) |

|------------------------------------------>|

| |

| |

```

b) Sequence Diagram for Walk-In Customer:

```

+-------------------------+ +----------------------+

| Walk-In Customer | | Grocery Store |

+-------------------------+ +----------------------+

| |

| selectItemsInStore() |

|------------------------------------------>|

| |

| makePayment() |

|------------------------------------------>|

| |

| |

```

Please note that these diagrams are simplified representations and may not include all the necessary attributes and methods. They are provided to give you a general understanding of the system's structure and the interactions between different entities.