Database Design – Food Order & Delivery Application (Food-Hub)

1. **Customer-Subscriber-Service - custmersubscriberdb**

**Customer-Table**

1. Customer\_Id(PK)
2. Customer\_Name
3. Mobile
4. Email\_Id
5. Login\_Id
6. Password
7. Address
8. Age
9. Type

**Subscriber-Table**

1. Subscribe\_Id(PK)
2. Customer\_Id(FK)
3. Subscription\_MealPlan\_Type = Custom/Predefined
4. Subscription\_Status=Boolean
5. Subscription\_From\_Date : current date LocalDate
6. Subscription\_Type : W/M :String
7. Subscription\_To\_Date : LocalDate
8. Subscription\_MealPlanName:

**Subscription\_Plan\_Details-Table – Post/Get/Get All**

1. Subscription\_MealPlan\_Id(PK)
2. Subscription\_MealPlan\_Name = Basic/Premium
3. Subscription\_MealPlan\_Menu = List<String>
4. Subscription\_MealPlan\_Price = 200/250 BigDecimal

**Administrator-Table**

1. Id

2. Name

2. Date\_of\_Birth

3. Mobile

4. Email

5. Username

6. Password

1. **Food-Service-foodservicedb**

**Food\_Menu-Table**

1. Id(PK)
2. Item\_Type(V/N)
3. Item\_Name
4. Item\_Description
5. Item\_Avbl\_Time
6. Item\_Price
7. **Order-Service-orderservicedb**

**Order\_Details-Table**

1. Order\_Id(PK)
2. Order\_Items(List of items)
3. Item\_Quantity
4. Order\_Instruction
5. Order\_Time

**4. Billing-Service-billingservicedb**

**Item\_Quantity-Table**

1. Item\_Name
2. Item\_Quantity
3. Item\_Price

Billing\_Details-Table

1. Billing\_id
2. Customer\_Id
3. Order\_Id
4. Order\_Amount(Calculated)
5. Order\_Date
6. Order\_Time
7. Order\_Instruction

**Payment-Table**

1. Payment\_Id(PK)
2. Customer\_Id
3. Order\_Id(FK)
4. Amount (Check with Billing Table)
5. Order\_Time
6. Payment\_Type
7. Account\_No
8. Bank\_Name
9. IFSC\_Code
10. CVV\_No
11. Status (Completed/Not Completed)

**5. Delivery-Service-deliveryservicedb**

**Delivery\_Person-Table**

1. Id
2. Name
3. Mobile\_No
4. Status (Avbl/Busy)
5. Available\_Locations

**Delivery\_Status-Table**

1. Order\_Id
2. Delivery\_Id
3. Delivery\_Address
4. Pin\_Code
5. Customer\_Mobile
6. Payment\_Type
7. Status (Delivered/Not Delivered)

Then order processed in status of order-service

Flowchart

Start

End

Delete Items

Review

Payment

Update Items

Select Quantity

Add Menu Items

Select Meal Items

Admin

User

Type of User

User/Admin Available?

Login