

# **IE6700 Data Management for Analytics**

## **Milestone: Conceptual Model**

Group 5

Student 1: Aliya LNU

Student 2: Nixon Lobo

6315389069 (Tel of Student 1)

8573209201 (Tel of Student 2)

[Lnu.ali@northeastern.edu](mailto:Lnu.ali@northeastern.edu)

[Lobo.ni@northeastern.edu](mailto:Lobo.ni@northeastern.edu)

Percentage of Effort Contributed by Student1: 50%

Percentage of Effort Contributed by Student2: 50%

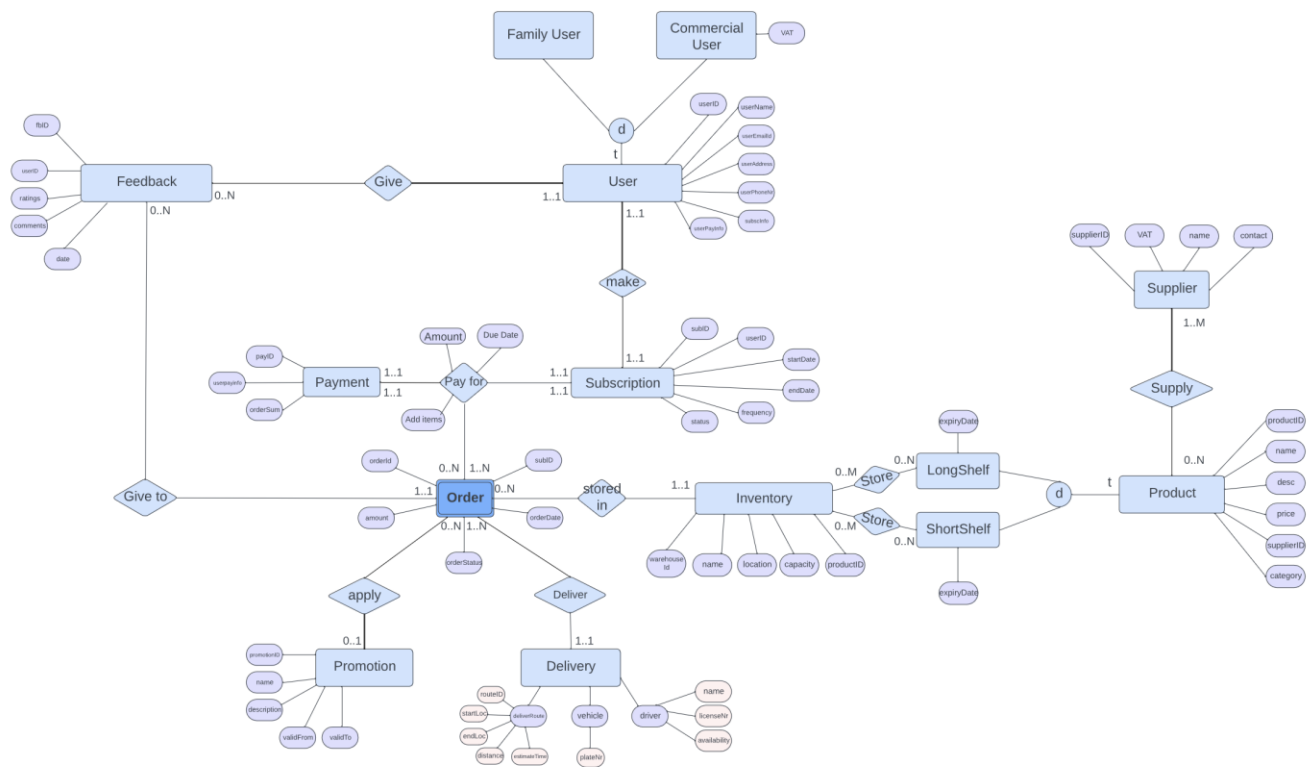
Signature of Student 1: Aliya LNU

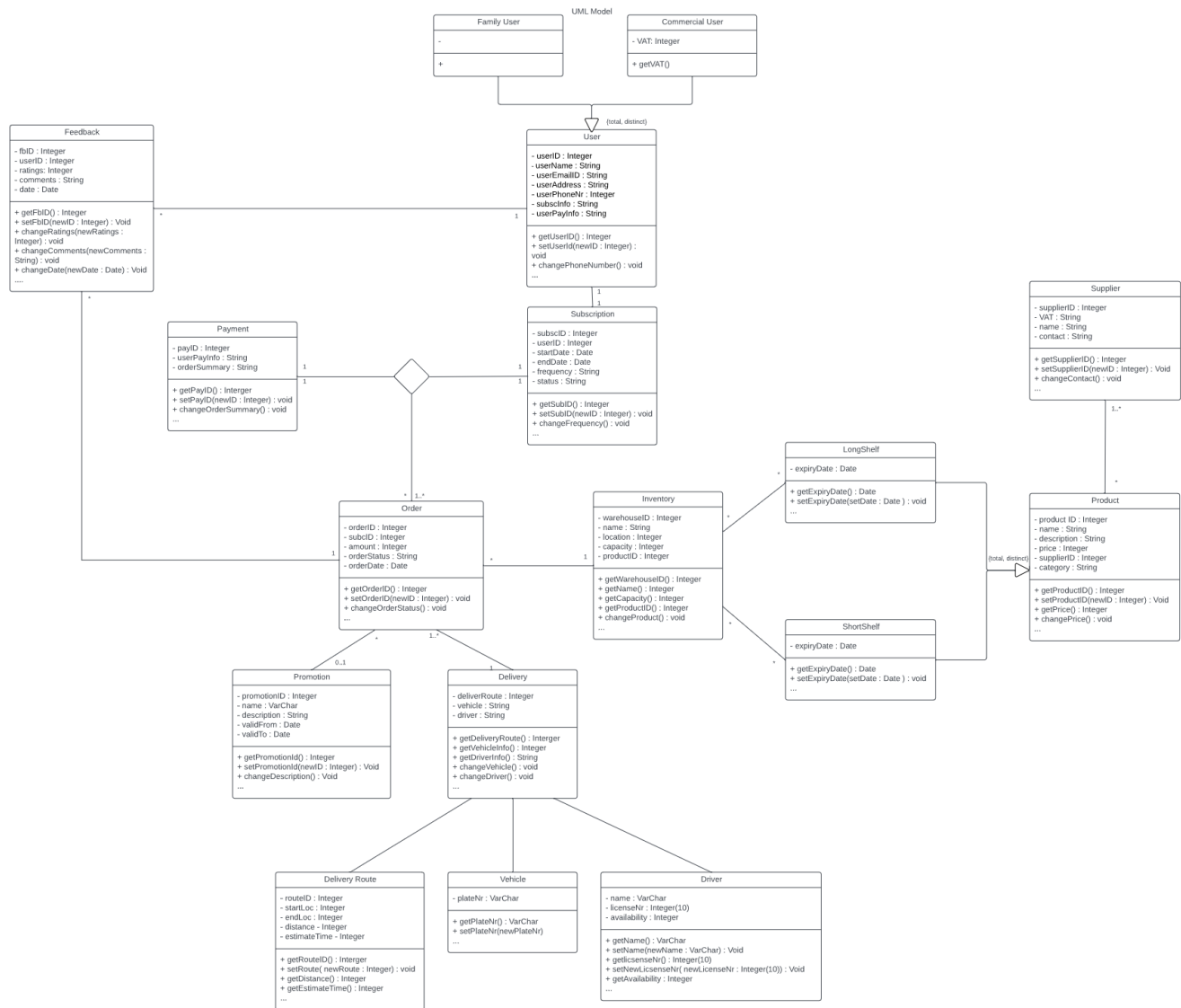
Signature of Student 2: Nixon Lobo

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EER Model





- User has two and only types: Family user and commercial user, and type of user are distinct from each other.
- Users make subscriptions on the items they want to subscribe for, daily, weekly, or monthly; one subscription is paid once a payment cycle (e.g. end of each month).
- Users can also add one-time-item in their regular subscription. The payment will be added in the one signal order right after the item has been delivered, while the subscription items will be automatically deducted in the order bill.
- Users can give feedback on any order they made, and it can be a rating or a short suggestion. One feedback only can give to one order.
- Each order can apply on promotion
- Delivery delivers the order, which has deliverRoute, Vechie, and driver information
- Orders are stored in the Inventory, with warehouse, name, location, and capacity
- Inventory has two types of Products, LongShelf and ShortShelf

- Supplier has a unique ID, a name, Category, contact info includes address, phone, and email.
- Product are supplied by Supplier, each product is belonging to one and only one Supplier. Product has its Product ID, name, category, unit price, and available quantity.