Assignment - Team Formation, Database Topic and Mission Statement/Objectives

Project Group : 15

Group Members:

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Database Topic:

Online order processing and delivery service.

Mission Statement:

The purpose of the database model is to generate, process and maintain data to support an online order processing and delivery service. The database enables the organization to facilitate online deliveries for food, grocery, fresh produce, medical supplies and other general commodities from local restaurants and stores to the respective customers. The database supports the organization to receive an online order, fulfill it and assign it to the appropriate executive, ensuring an efficient and timely delivery.

Mission Objectives:

The database will provide the general functionalities as mentioned below:

- To maintain the details of customers.
- To maintain various customer memberships.
- To maintain the list of products and their respective prices for all the available stores.
- To maintain the list of stores and restaurants available for delivery.
- To maintain the list of available promotions and offers that can vary according to the type of customer membership.
- To maintain the available stock for every item listed in the catalog.
- To allow customers to create orders from their desired stores/restaurants.
- To allow the customer to select the type of delivery service based on their needs.
- To allow the customer to make their choice of payment.
- To enable 'Admin' to assign an executive for requested delivery, details of the executive, current location of the executive and store or restaurant, status of delivery.

- To allow customers to provide 'Feedback and Rating' of the delivery service, executive and the products delivered.

- To create reports on the past orders, their delivery status and customer reviews.

- To create reports on customer feedback.

Additionally, the database will provide the functionalities specific to entities as mentioned below:

- To maintain (enter, update and delete) data on 'Customer'.

- To maintain (enter, update and delete) data on 'Catalog'.

- To maintain (enter, update and delete) data on 'Store/Restaurant'.

- To perform searches on 'Store/ Restaurant'.

- To maintain (enter, update and delete) data on 'Admin'.

- To maintain (enter, update and delete) data on 'Cart'.

- To maintain (enter, update and delete) data on 'Membership'.

- To perform searches on items on 'Promotions'.

- To maintain (enter, update and delete) data on 'Product'.

- To maintain (enter, update and delete) data on 'Inventory'.

- To maintain (enter, update and delete) data on 'Order'.

- To perform searches on Orders.

- To report on Open Orders.

- To maintain (enter, update and delete) data on Delivery Service.

- To perform searches on Deliveries.

- To track the status of Delivery status.

- To maintain (enter, update and delete) data on Delivery Executive.

- To maintain (enter, update and delete) data on Invoice.

- To maintain (enter, update and delete) data on Payment.

- To maintain (enter, update and delete) data on Payment Modes.

- To maintain (enter, update and delete) data on Office.

- To maintain (enter, update and delete) data on Status.

- To maintain (enter, update and delete) data on Feedback/Rating.

- To perform searches on Feedback/Rating.

- To report on customer Feedback/Rating.

- To maintain (enter, update and delete) data on Location.
- To perform searches on Location.