

Database Project P2. Final ERD and Description of Design Revisions

Team 10

As suggested in the feedback for our first draft, we amended a couple of factors in our ERD design for the meal delivery distribution system, summarized as follows:

- Fixed the Primary Key-Foreign Key relations between the tables
- Introduced an OrderItem Table that will connect Orders to Items, since the relation between the two tables is Many:Many
- The OrderItemID in the OrderItemTable is a surrogate key formed with a combination of ItemID and OrderID
- Added a Discount and DiscountType Table to our schema to keep track of discounts availed by customers
- Restructured the Rating and Review Tables, added Foreign Keys RestaurantID and DeliveryID to the Review Tables, so a customer can add a review separately for the food quality as well as the delivery service
- Transformed the Rating table to be normalized/eliminate redundant data

Team 10: ERD Schema for Meal Delivery System

