**Database Design - Project**

Part I: data requirements for the doordash system:

* The doordash system are maintaining a number of partner restrauants. Each restraunt has a unique id, name, address, email, phone number and rating.
* Restraunts are categorized based on types. There are 17 main types such as Fast Food, Mexican, Chinese etc.
* Each restrauants provide food items. Each item has a unique id, food catogory, price, description, photo, required selection, optional additions.
* The doordash system has a number of registered customers. Each customer has a unique id, name, email address and phone number.
* Each customer may or may not purchase a DashPass for free delivery.
* Each customer may have multiple payment cards and multiple delivery addresses.
* The doordash system has a number of registered dashers. Each dasher has a unique id, name, email address, phone number and SSN. The dashers can have vehicles for delivery.
* Vehicles for dashers are either cars or bicycles. Each car have a make, model and color.
* Each dasher can schedule durations of time at a certain location they are avalible for delivery, where each location and duration has an associated bonus for each delivery.
* Each dasher has number of deliveries completed, number of stars rated by customer, number of delivery rated by customer, number of delivery opportunaty received, number of delivery accepted, number of delivery completed and number of delivery completed on time or early.
* Each dasher has earnings from the scheduled time, with multiple deliveries, including customer tip, base pay, peak pay per delivery.
* Each dasher can have different bank account number where they can deposit earnings.
* Customers can place orders. Each order is placed with a unique delivery id at certain time and is taken by a dasher. Each order contains specified quantities of one or more food items from a single restaurant. Each order has a receipt, delivery address, status, date placed.
* Each receipt shows items ordered, price paid for each item, subtotal, delivery fee, service fee, dasher tip, tax and total amount.
* Each restraunt and dasher is rated by customer from 1 star to 5 stars on a delivery basis.
* Each rating is associated with multiple tags and one optional feedback.