

## **Domain Description and Data Source**

We have taken a taco food cart as our domain inspired from our favorite taco place. We intend to use Taco Bell also as source of data for our database.

The core objects of the database:

- Customer – has unique id, first, last name, phone number and gender
- Employee – has unique id, first, last name, DOB, house number, street, city, phone number, email id, gender, salaries (weekly)
- Customer can order multiple tacos, with each taco having multiple ingredients
- Taco – has unique taco id, name and price
- Each taco has a set of ingredients
- Taco cart maintains ingredients inventory where, each ingredients has unique ingredient id, name, price, purchase date, expiry date, purchased by information
- Each customer can order other items such as juices, soft drinks, beer, water etc.
- For each order, Customer has three payment options, cash, check, card can pay through any of them and its properly maintained

### **Changes made to the schema**

- Removed attribute status from Order table - as order dates are past dates, so all are in finished status
- Data is populated manually with reference from taco bell menu
- Removed attributes – DOB, house\_number, street, city and added age for easier population of data
- Questions (11, 13, 19) related to the above attributes are removed as well and new questions have been included