

CS 5200 Project Proposal

- ♦ **Group Name:** DandanLChenY
- ♦ **Members:** Yixiao Chen, Lin Dandan Senior
- ♦ **Topic:** Online Order System for Chinese Cuisine
- ♦ **Project Description:**

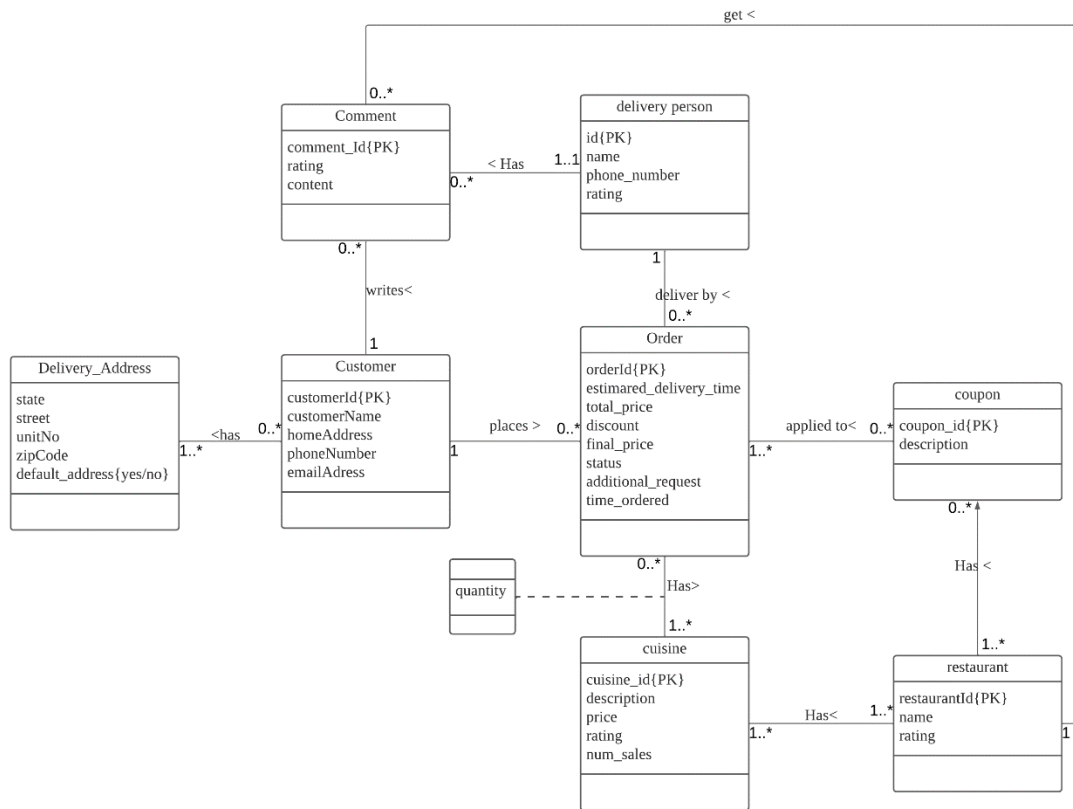
Most restaurant in Boston have their own apps which customers could make online orders and chose to have their order delivered to a certain address. But back in our home country, we have apps that could gather all the information of the near by restaurant, people could pick one restaurant form a list ordered by distance or customer ratings and select cuisines in their menu. After the customer placed their order, the restaurant would assign the order to an available delivery man, and the customer could see the estimated arrival time according to the distance. After the meal, the customers could present their own evaluations for both the restaurant and the delivery man.

- ♦ **Database:** MySQL
- ♦ **Language:** SQL, JavaScript, HTML, CSS, Node.js (No machine restrictions)
- ♦ **Motivation:**

Both of our group members are international students from China, and we would describe ourselves as big fan of online ordering apps. We would spend hours per day just to figure out what we would like to have for the next meal, choosing the best food combination while getting the lowest price. Therefore, when giving chances to create our own database, we would love to give it a try.

As far as we know, a database system of an online ordering software might have information about customers, restaurants and even the person who delivers the order which we called a 'rider'. But what we don't know before taking this course are things like how all the information are stored? How could users get all the information he/she needed to make the decision just by clicking a button on the page? What would the pages look like if you logged in as a restaurant staff trying to manage the menu? Etc.

◆ UML Diagram



♦ Flow Chart for Customer Users

