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Cs 5200 Fall 2019
HW1

Create a UML diagram for a restaurant review site.

Assumptions and notes:

- 1) Only one company can own one or more restaurants. i.e. A restaurant only has one owning company.
- 2) Users can make multiple reservations at multiple sit down restaurants. I assume this happens over the course of the life of the user and not all at one time.
- 3) Primary keys were based off of what the assignment stated and what I saw in comments answered on BlackBoard.
- 4) If no attribute was specifically identified as being unique (i.e. primary key) a unique id was made for that table and set to primary key.
- 5) The foreign key of RestaurantId in each type of restaurant was set as Primary Key for those as it did not seem to make sense of having a separate primary key for SitDownRestaurant for example. I needed a foreign key in order to link the Reservations and SitDownRestaurant tables, per MySQL, so I used the foreign key of the RestaurantId.
- 6) I was not sure of what data type to put for the restaurant hours, so I put it as a string.

