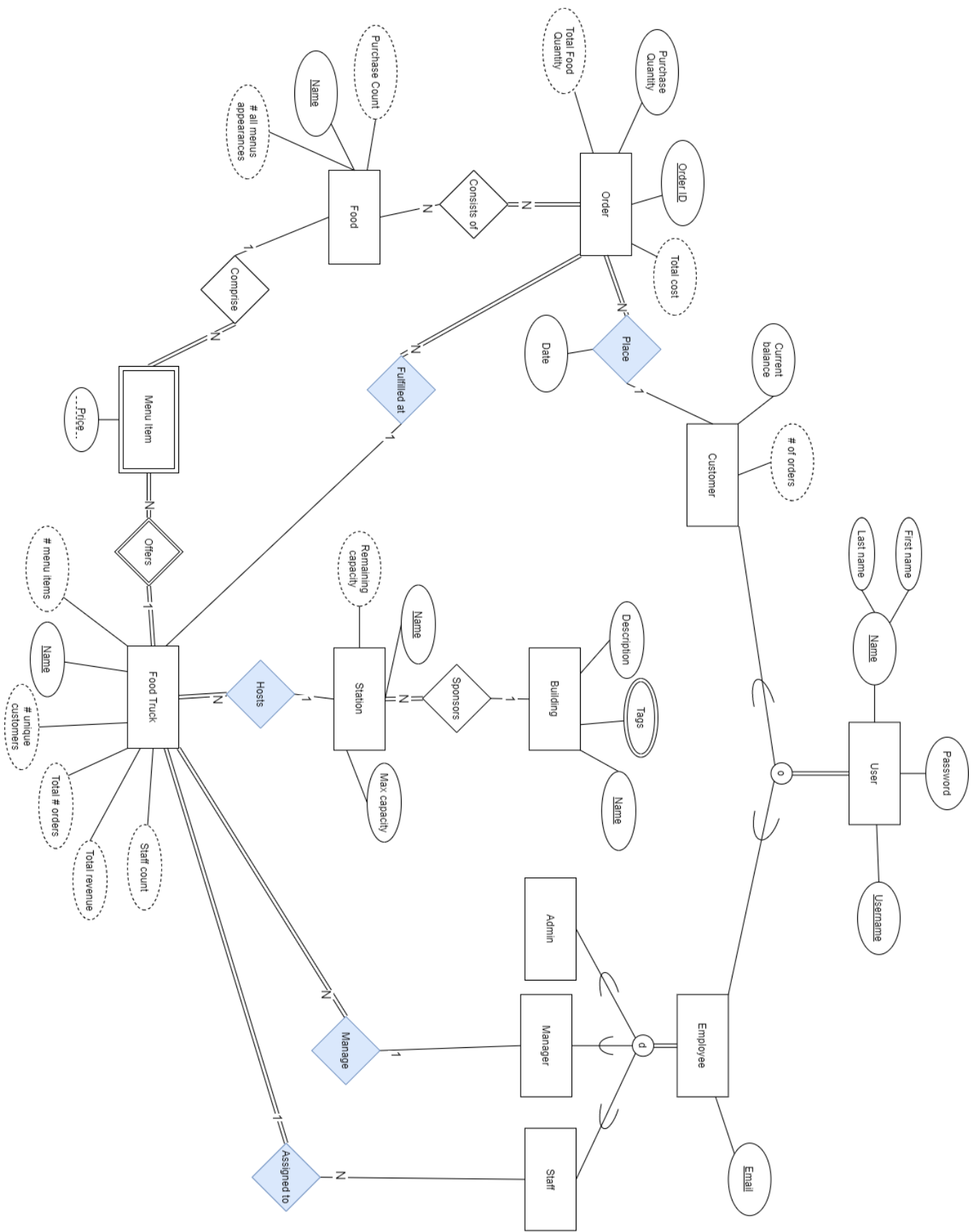


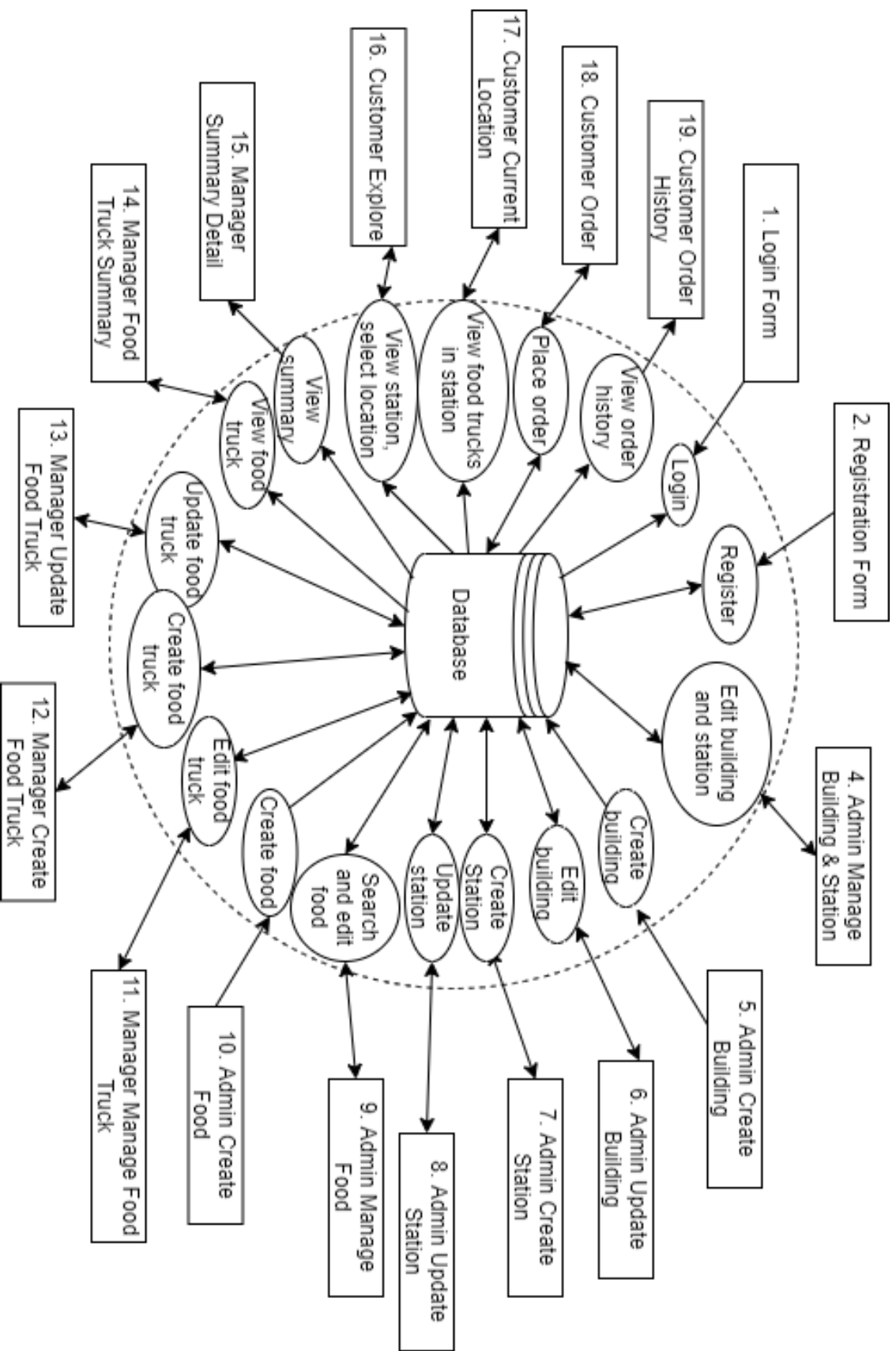


# TEAM 13

Phase 1

Shuheng Gan (sgan8)  
Sonali Gupta (sgupta671)  
Kristine Lacek (klacek3)  
Aparna Maddala (amaddala3)  
Danielle Temples (dtemples3)





#### Assumptions

1. Food trucks always have enough food in stock for orders. Therefore, we do not need to create tables to keep track of a food truck's supply.
2. Foods can exist without appearing on a food truck's menu. Therefore, food does not have total participation in the OFFERS relationship with menu item.
3. Customer location is temporary, so it does not need to be stored in the database. As a result, we do not have a direct LOCATED AT relationship between customer and station.
4. "Order total" is the total amount purchased in a single order measured in dollars. Therefore, we renamed this attribute of order as "total cost."

#### Constraints

1. A building can't exist without a tag.
2. A food truck can only be assigned to a station if its remaining capacity is greater than 0.
3. Customers cannot make a purchase if their order total exceeds their remaining balance.
4. Food trucks need at least one menu item to exist.