



GROUP 80

Phase II

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Relational Schema Diagram

User = (username, firstname, lastname, password)

Customer = (username [fk1], balance, station [fk2])

fk1: username -> User.username

fk2: station -> Station.name

Employee = (username [fk3], email)

fk3: username -> User.username

Manager = (username [fk4])

fk4: username -> Employee.username

Staff = (username [fk5], food-truck [fk6])

fk5: username -> Employee.username

fk6: food-truck -> Food-Truck.name

Admin = (username [fk7])

fk7: username -> Employee.username

Building = (name, description)

Food = (name)

Station = (name, capacity, building [fk8])

fk8: building -> Building.name, building is non-null

Order = (orderID, date, customer [fk9])

fk9: customer -> Customer.username, customer is non-null

Menu-Item = (price, food-truck [fk10], food [fk11])

fk10: food-truck -> Food-Truck.name, food-truck is non-null

fk11: food -> Food.name, food is non-null

Food-Truck = (name, station [fk12], manager [fk13])

fk12: station -> Station.name, station is non-null

fk13: manager -> Manager.username, manager is non-null

Contain = (order [fk14],food-truck [fk15], food [fk16], purchase-quantity)

fk14: order -> Order.orderID, order is non-null

fk15: food-truck -> Menu-Item.food-truck

fk16: food -> Menu-Item.food

Tag = (building [fk17], tag-name)

fk17: building -> Building.name