**Strong entities:**

User = (username, address, birthdate, first\_name, last\_name)

Owner = (username([fk2], debt)

Fk2: username → User

Employee = ( username([fk1], taxID, experience, hired, salary)

Fk1: username → User

Ingredient = (barcode, iname, weight)

Pilot = (username([fk3] , experience, license\_type)

Fk3: username → Employee.username

Service = (ID, name, revenue, location[fk4])

Fk4: location → Location.label

Worker = (username([fk5])

Fk5: username → Employee.username

Location = (label, x\_coord, y\_coord, space)

Restaurant = (name, rating, spent, location[fk6])

Fk6: location → Location.label

**Weak entities:**

Drone = ( serviceID[fk7], tag, fuel, capacity, sales, cost, weight, hoverLocation[fk12], ControllerPilot[fk13])

Fk7: serviceID → service.ID

Fk12: hoverLocation → location.label

Fk13: ControllerPilot → pilot.username

**Relationships:**

Fund = ( Provider[fk8], Restaurant[fk9], invested, dt\_made)

Fk8: provider → Owner.username

Fk9: Restaurant → restaurant

Swam = (FollowerDrone\_serviceID, FollowerDrone\_tag [fk14], LeadDrone\_serviceID, LeadDrone\_tag [fk15])

Fk14: FollowerDrone\_serviceID, FollowerDrone\_tag → Drone.serviceID, Drone.tag

Fk15: LeadDrone\_serviceID, LeadDrone\_tag → Drone.serviceID, Drone.tag

Contain = (Drone\_serviceID, Drone\_tag [fk16], ingredient [fk17], quantity)

Fk16: Drone\_serviceID, Drone\_tag → Drone.serviceID, Drone.tag

Fk[17]: ingredient → Ingredient.barcode