CS 4400 – Introduction to Database Systems

PROJECT - PHASE 1

Team #105

Assumptions

- 1. The attribute *DS_ID* (Delivery service identifier) establishes a 1:M relationship between drones and delivery services.
- 2. We assume that the names of the delivery services (*DS_name*) are unique.
- 3. The attribute *Most_recent_fund_date* associated with the relationship *Funded_by* can have null values.
- 4. An employee can be a pilot, or a warehouse worker, but not both.
- 5. A user can be an owner or an employee.
- 6. The *Manager* attribute in the *Delivery_service* relation can have null values.
- 7. Employee.SSN, User.Username, Drone.Drone_ID, Ingredient.Barcode, Restaurant.Coord and Delivery_Service.DS_ID are primary keys.
- 8. The attributes called *Coord* have 2 composite attributes called *X* and *Y*, referring to the latitude and longitude.

