1. Person { Person_IC, Person_name, Person_age }

2. Customer { *Customer_id, Customer_personal_email,* Customer_table_number, Customer_walk-in_date, Customer_walk-out_date, Customer_total_spent, Customer_dining_option, Customer_time_spent, Customer_dining_purpose, Customer_phoneNumber }

3. Delivery Person { *DeliveryPerson_id, DeliveryPerson_License, DeliveryPerson_number,* DeliveryPerson_adress, DeliveryPerson_method, DeliveryPerson_status, DeliveryPerson_estimatedTime, DeliveryPerson_actualTime, DeliveryPerson_fee, DeliveryPerson_companyName }

4. Employee { *Employee_id,* Employee_HireDate, Employee_EdLevel }

5. Owner { Owner_id, Owner_tax_no, Owner_short_term_goal, Owner_percentage_of_company, Owner_total_investment, Owner_funds_deposited, Owner_profit_ratio, Owner_authority_level, Owner_management_style, Owner_risk_tolerance }

6. Staff { *Staff_id, Staff_work_email,* Staff_job_description, Staff_stopwork_date, Staff_penalties, Staff_work_performance, Staff_health_issues, Staff_preferred_job_scope, Staff_future_role, Staff_position }

7. Reservation { Reservation_id, Reservation_Code, Reservation_start_time, Reservation_end_time, Reservation_confirmed, Reservation_expiration, Reservation_table_no, Reservation_capacity, Reservation_seating, Reservation_requestDetails }

8. Feedback { Feedback_id, Feedback_Code, Feedback_type, Feedback_timeReceived, Feedback_dateReceived, Feedback_comments, Feedback_response_desc, Feedback_responseStatus, Feedback_foodRating, Feedback_serviceRating }

9. Order { Order_id, Order_code, Order_start_time, Order_date, Order_totalQuantityProduct, Order_end_time, Order_add_on, Order_remarks, Order_table_number, Order_time_taken }

10. Payment { <u>Payment_id</u>, <u>Payment_transactionRef</u>, Payment_refund_status, Payment_date, Payment_method, Payment_total_amount, Payment_tax, Payment_status, Payment_discount_promotion, Payment_refund_amount }

11. Promotion { *<u>Promotion_id, Promotion_refNo,</u>* Promotion_date_start, Promotion_date_end, Promotion_food_list, Promotion_drink_list, Promotion_discount, Promotion_name, Promotion_duration, Promotion_reason }

12. Franchise { *<u>Franchise_id, Franchise_type,</u>* Franchise_capacity, Franchise_ownerName, Franchise_address, Franchise_postcode, Franchise_state, Franchise_region, Franchise_location_type, Franchise_operating_hour, Franchise_name }

13. Asset { *<u>Asset_id, Asset_code,</u>* Asset_category, Asset_accquire_date, Asset_dispose_date, Asset_lifespan, Asset_description, Asset_picture, Asset_last_maintenance_date, Asset_next_maintenance_date }

14. Asset Log { <u>AssetLog_id</u>, <u>AssetLog_code</u>, AssetLog_usage_start_time, AssetLog_usage_end_time, AssetLog_usage_date, AssetLog_usage_duration, AssetLog_usage_description, AssetLog_remarks, AssetLog_condition, AssetLog_location_used }

15. Product { *<u>Product_id,</u>* Product_Availability, Product_Price }

16. Drink { <u>Drink_id</u>, <u>Drink_code</u>, Drink_picture, Drink_price, Drink_availabilityStock, Drink_category, Drink_temperature, Drink_carbonationStatus, Drink_availabilityStatus, Drink_size }

17. Food { <u>Food_id</u>, <u>Food_code</u>, Food_picture, Food_description, Food_price, Food_servingSize, Food_availabilityStatus, Food_availabilityStock, Food_category, Food_cookingMethod }

18. Inventory { *<u>Inventory_id, Inventory_code,</u>* Inventory_quantity_in_stock, Inventory_unit_of_measure, Inventory_location, Inventory_min_stock_level, Inventory_max_stock_level, Inventory_last_updated, Inventory_stock_status, Inventory_name }

19. Supplier { *Supplier_id, Supplier_ssm,* Supplier_companyName,

    Supplier_contactName, Supplier_phoneNumber, Supplier_address,
    Supplier_productType, Supplier_supplyFrequency, Supplier_paymentType,
    Supplier_email }

20. Supplier Item { *SupplierItem_id, SupplierItem_code,* SupplierItem_Name,

    SupplierItem_category, SupplierItem_quantity_per_unit, SupplierItem_unit_price,
    SupplierItem_availability_stock, SupplierItem_expiration_date,
    Supplier_last_ordered_date, SupplierItem_quantity }

21. Payslip { Payslip_id, Payslip_code, Payslip_scheduled_time,
    Payslip_received_time,
     Payslip_gross_salary, Payslip_deductions, Payslip_net_salary,
    Payslip_payment_date,
     Payslip_account_number, Payslip_status }

22. Shift { Shift_id, Shift_code, Shift_start_time, Shift_end_time, Shift_role,
    Shift_description, Shift_pay_per_hour, Shift_start_date, Shift_end_date,
    Shift_duration_hours }

23. Leave { Leave_id, Leave_code, Leave_start_date, Leave_end_date,
    Leave_duration,
     Leave_reason, Leave_left, Leave_start_time, Leave_end_time,
    Leave_duration_hours }

24. Attendance { *Attendance_id, Attendance_code,* Attendance_date,

    Attendance_checkInTime, Attendance_checkOutTime,
    Attendance_hours_worked, Attendance_status, Attendance_reason,
    Attendance_overtime_hours, Attendance_shiftType }

Explosion Table:

1. Customer_Employee { *Customer_id, Customer_personal_email, Employee_id* }

2. Customer_DeliveryPerson { *Customer_id, Customer_personal_email,*

    DeliveryPerson_id, Deliveryperson_License, DeliveryPerson_number }

3. Employee_Asset { *Employee_id, Asset_id, Asset_code* }

4. Customer_Asset { *Customer_id, Customer_personal_email, Asset_id, Asset_code* }

5. DeliveryPerson_Staff { *DeliveryPerson_id, Deliveryperson_License, DeliveryPerson_number_plate, Staff_id, Staff_work_email* }

6. Customer_Promotion { *Customer_id, Customer_personal_email, Promotion_id, Promotion_refNo* }

7. Person_Franchise { *IC_Num, Franchise_id, Franchise_type* }

8. Employee_Supplier { *Employee_id, Supplier_id, Supplier_ssm* }

9. SupplierItem_Inventory { *SupplierItem_id, SupplierItem_code, Inventory_id, Inventory_code* }

10. Product_Inventory { *Product_id, Inventory_id, Inventory_code* }

11. Franchise_Promotion { *Franchise_id, Franchise_type, Promotion_id, Promotion_refNo* }

12. Person_Asset { }