FACULTY OF COMPUTING
UTM Johor Bahru

SECD2613 - 03

SYSTEM ANALYSIS AND DESIGN

Assignment 2

LECTURER: DR. IQBAL TARIQ
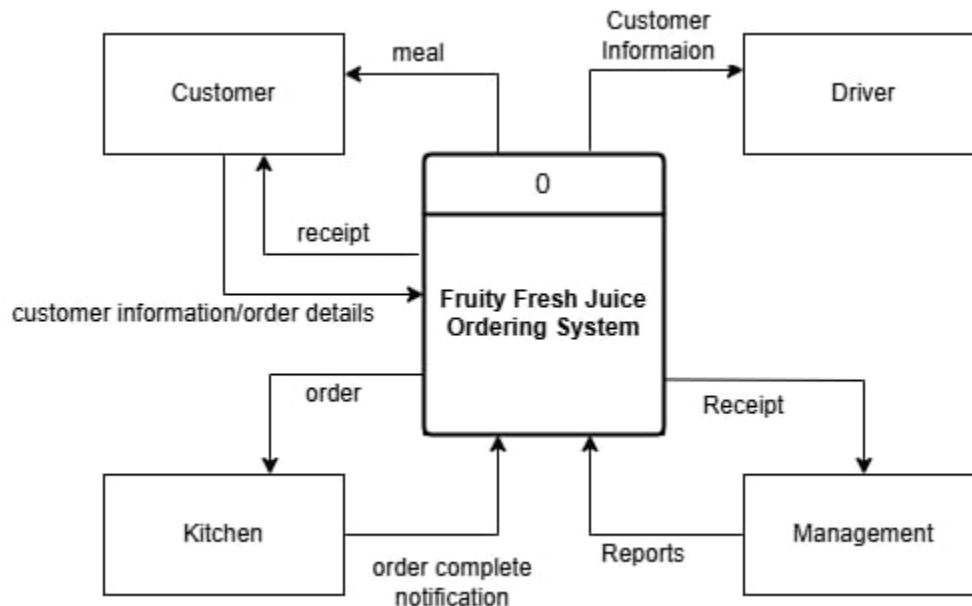**SUBMISSION DATE:**

TEAM MEMBERS :

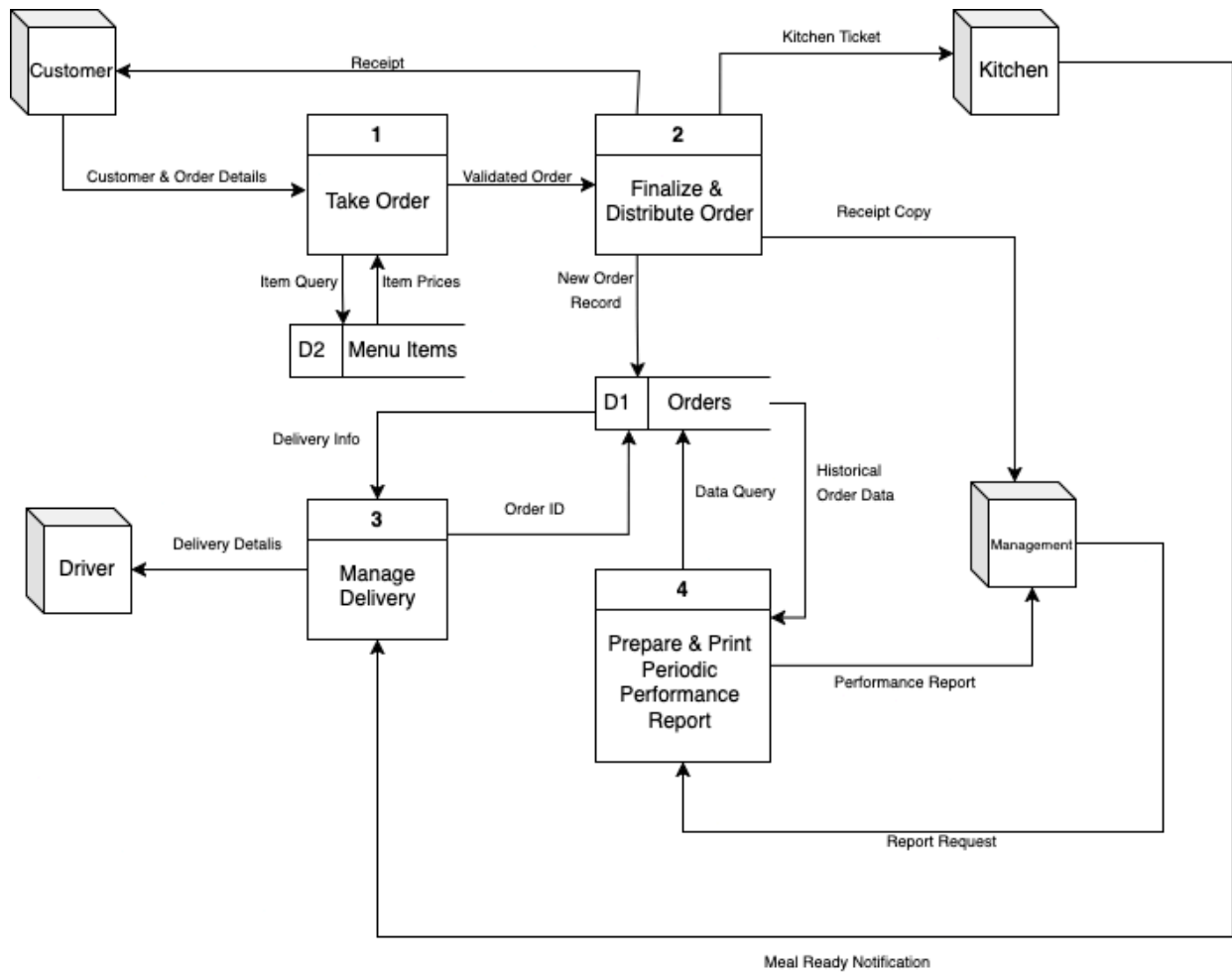| Yee Ching Yang	A24CS0214
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Question 1:

Fruity Fresh Juice is a family food business which cooks and sells a wide variety of dishes. Fruity Fresh Juice wants to develop a system to facilitate the process of ordering their meals. A customer can order from Fruity Fresh Juice by calling them on the phone. Then Fruity Fresh Juice will ask the customer to give their information (phone number, the name, address), and order details. Once the order is accepted, the total, including tax and delivery, will be calculated. Then a receipt will be printed and sent to the customer and the order will be sent to the kitchen. After the meal is ready, it will be sent to the driver together with customer information. Then the driver will deliver the meal to the customer. To monitor the performance of the Fruity Fresh Juice, every customer order receipt will be sent to the management to prepare and print periodic performance reports by referring to previous order data.

(a) Draw a context-level data flow diagram for Fruity Fresh Juice.

(b) Draw the Level 0 Diagram for the Context Diagram developed in (a).

(c) Construct a child diagram for the "Prepare and print Periodic performance Report" process.