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> Assigned: 21-Dec-22 Due: 1 Lab Hour

UIT2311 – Database Technology Lab Assignment – 7

Title: PL/SQL - Triggers

## **Pizza Ordering System**

Consider the following relations for Pizza Ordering System:

CUSTOMER (<u>cust\_id</u>, cust\_name, address, phone)
PIZZA (<u>pizza\_id</u>, pizza\_type, unit\_price)
ORDERS (<u>order\_no</u>, cust\_id, order\_date ,delv\_date, total\_amt)
ORDER LIST (<u>order\_no</u>, pizza\_id, qty)

Write a PL/SQL trigger and implement the following constraints: **Note:** 

- a. Choose appropriate event(s) to ensure the constraint.
- 1. Ensure that the pizza can be delivered on same day or on the next day only.
- Update the total\_amt in ORDERS while entering an order in ORDER LIST.
- 3. To give preference to all customers in delivery of pizzas', a threshold is set on the number of orders per day per customer. Ensure that a customer can not place more than 5 orders per day.

## What you have to submit:

- 1. Schema Diagram with constraints
- 2. Demo script file

