

SE2001 – SRE ASSIGNMENT # 2 Fall 2022

Requirement Elicitation, Analysis & Specification

Assignment Category: **Individual Assignment**

Submission Date: **Thursday, Nov 10, 2022 [11 pm]. NO EXTENSIONS SHALL BE GRANTED. STRICTLY ADHERE TO SUBMISSION DEADLINE.**

Submission Requirements: **Soft copy latest by 11pm on Thursday Nov 10, 2022**

[The submission link shall be posted on the course group page before the due date.](#)

DETAILS & TASKS:

TASK 1: Refer to the online grocery app of Assignment 1, identify different stakeholders that you might use to gather requirements.

TASK 2: Refer to the online grocery app of Assignment 1, you are required to gather requirements through a focus group. Construct 10 questions, you might ask to one of the focus group of your choice from the stakeholders identified in question 1. Construct a combination of open ended and close ended questions.

TASK 3: Below is the description of a use case for creating an order by a staff member of a company. Create a use case diagram only for the use case: **create new order**. Don't create the use case diagram for the entire system.

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|---------------------------|---|
| Use Case Name: | Create new order |
| Brief Description: | When customer calls to order, the order clerk and system verify customer information, create a new order, add items to the order, verify payment, create the order transaction, and finalize the order. |
| Actors: | Telephone sales clerk , customer |
| Related Use Cases: | Includes: <i>Check item availability</i> |
| Stakeholders: | Sales department: to provide primary definition Shipping department: to verify that information content is adequate for fulfillment Marketing department: to collect customer statistics for studies of buying patterns |
| Preconditions: | Customer must exist. Catalog, Products, and Inventory items must exist for requested items. |
| Postconditions: | Order and order line items must be created. Order transaction must be created for the order payment. Inventory items must have the quantity on hand updated. The order must be related (associated) to a customer. |