

OMIS 651 – Spring 2023

Assignment 4: Structure Chart

Available Date: 4/27/2023

Due Date: **5/4/2023** at **11:59 PM** on **Blackboard**

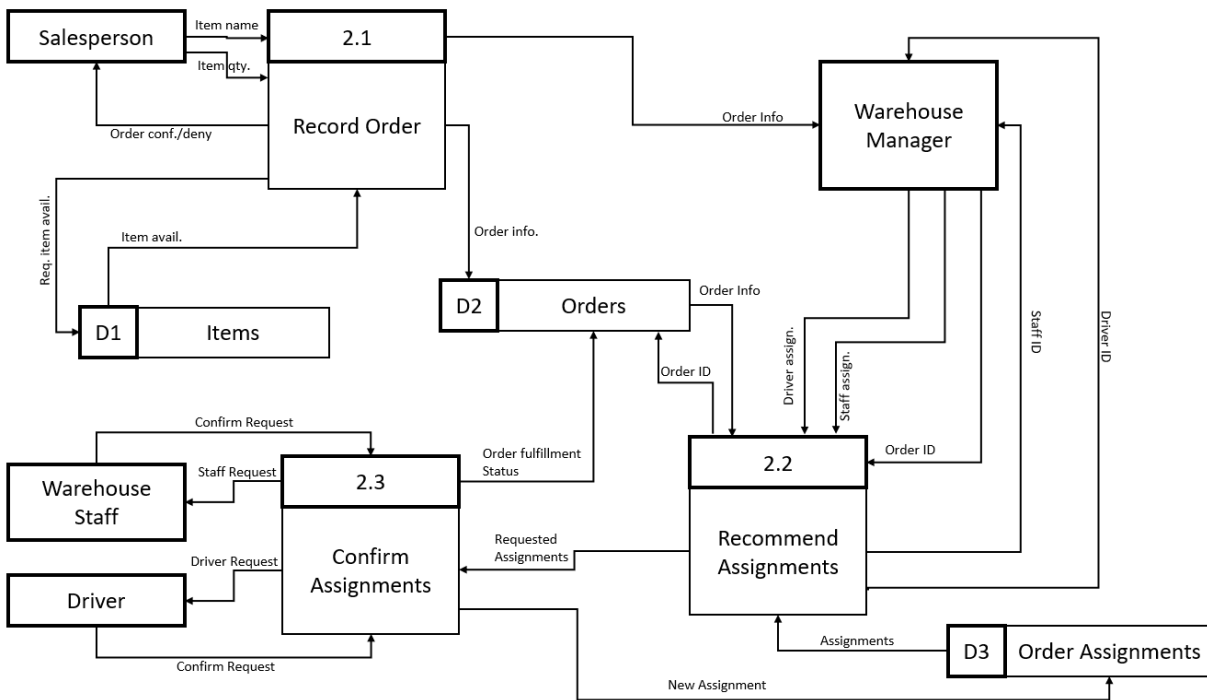
Instructor: Amin Vahedian

A Sales Process

In this process, a salesperson records an order. Then, the system recommends staff and driver assignments. The warehouse manager adopts an assignment recommendation. Once the staff and the driver confirm assignment requests, the assignments are recorded, and the order is fulfilled.

Task:

One of the level-1 DFDs for this process is shown below:



Create a structure chart based on this DFD that supports the following functionalities:

- Record Order
 - Use the following subordinates:
 - Get Item Availability
 - Accept Order
 - Reject Order
- Recommend Assignments
 - Use the following subordinates:
 - Get List of Orders
 - Get Staff Availability
 - Get Driver Availability
 - Calculate the Best Assignment

Assignment - 5 (71938562)

