

WORKSHEET – 1.3

Name: CUSZ

Section/Group:

UID:

Subject: Software Engineering Lab

Date of Submission: -

Aim:

Development of DFD for the project.

Task to be done:

Draw a level 1 DFD for the following scenario

The software proposed is Food Ordering System. It has participants who will interact with the system, called the external entities. The Supplier, Kitchen, Manager, and Customer are the entities who will interact with the system. In between the process and the external entities, there is data flow (connectors) that indicate the existence of information exchange between the entities and the system.

Objective:

- The objective of Data Flow Diagram (DFD) is to graphically represent flow of data in an information system.

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It is capable of depicting incoming data flow, outgoing data flow and stored data.

Training and Placement System is a software system that can store, update, and retrieve the information through Databases.

Requirement Analysis:

Software Requirement

Smart Draw • Google Chrome.

Hardware Requirement

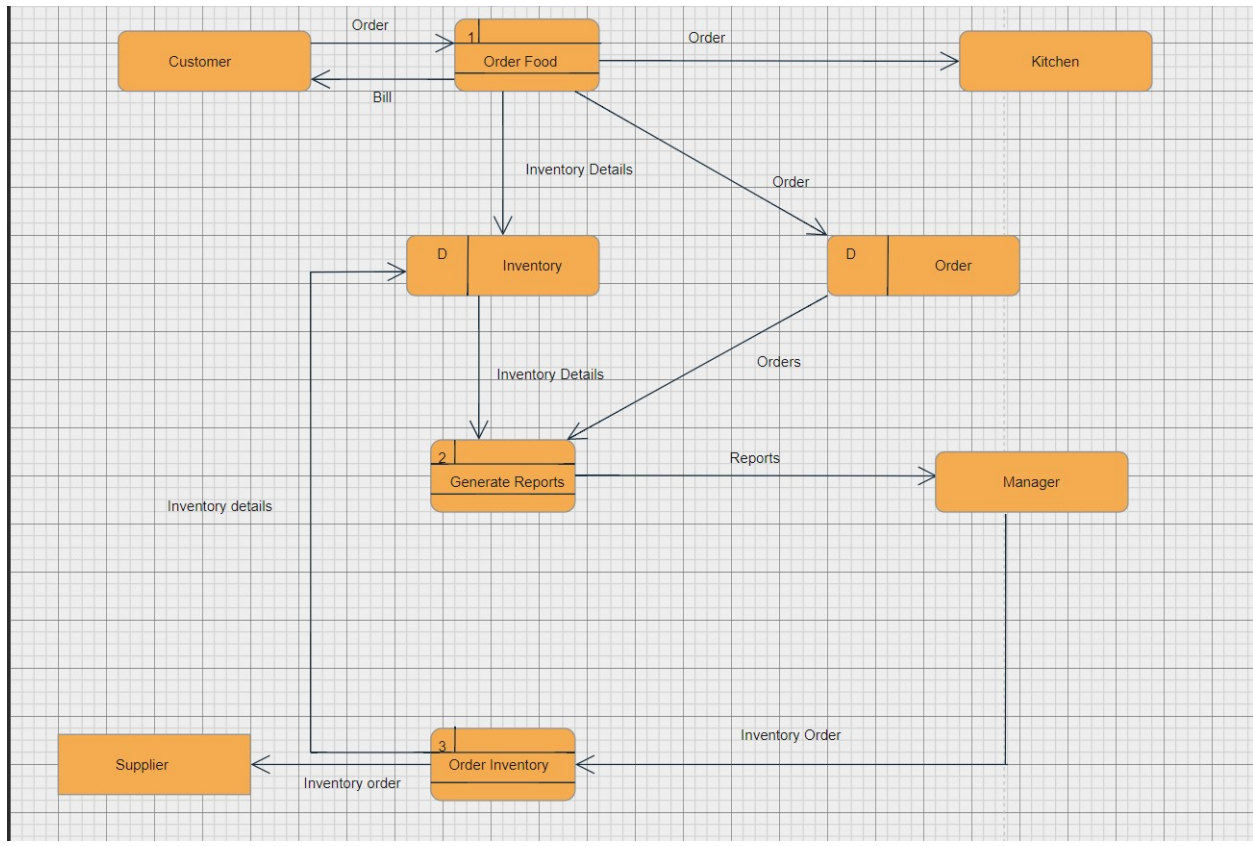
Computer.

Windows 10.

Power Supply.

Data Flow Diagram for Food Ordering System:

Data flow diagram is graphical representation of flow of data in an information system. It is capable of depicting incoming data flow, outgoing data flow and stored data. The DFD does not mention anything about how data flows through the system.



The Food Ordering System Data Flow Diagram contains three processes, four external entities and two data stores.

A Customer can place an order. The Order Food process receives the Order and forwards it to the Kitchen and store it in the Order data store and store the updated Inventory details in the Inventory data store. It also delivers a Bill to the customer.

The manager can receive reports with the help of Generate Reports process that takes Inventory details and Orders as input from the Inventory and Order data store respectively.

Manager can also initiate the Order Inventory process by providing Inventory order. The process forwards the Inventory order to the Supplier and stores the updated Inventory details in the Inventory data store.

Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.			
2.			
3.			



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