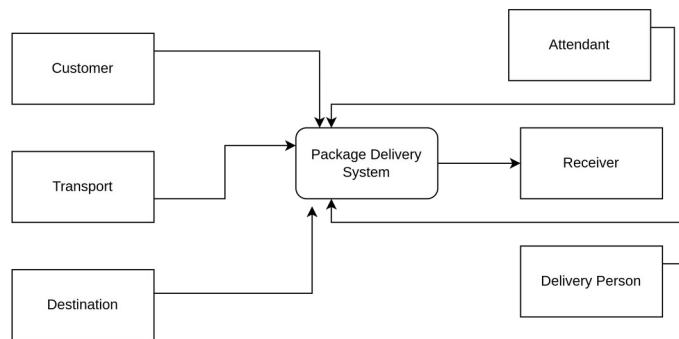# SE Assignment 3: DFD & Use Case Diagram
Name: Zaid Chugtai
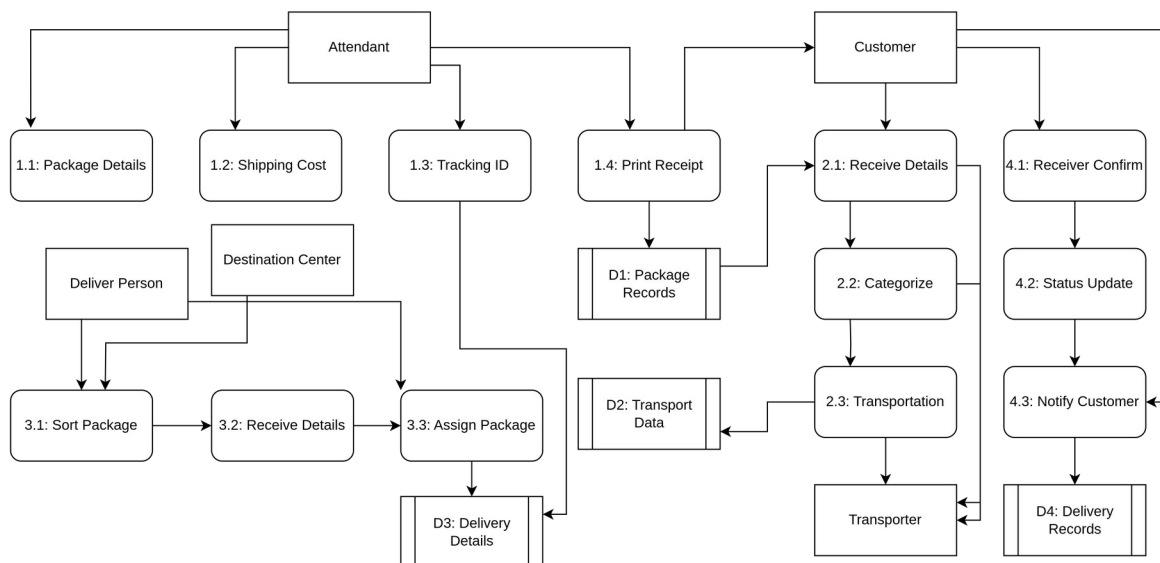Roll #: L1F22BSCS0648

Q1

Context Diagram
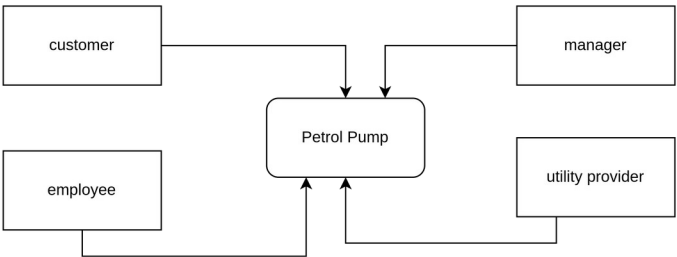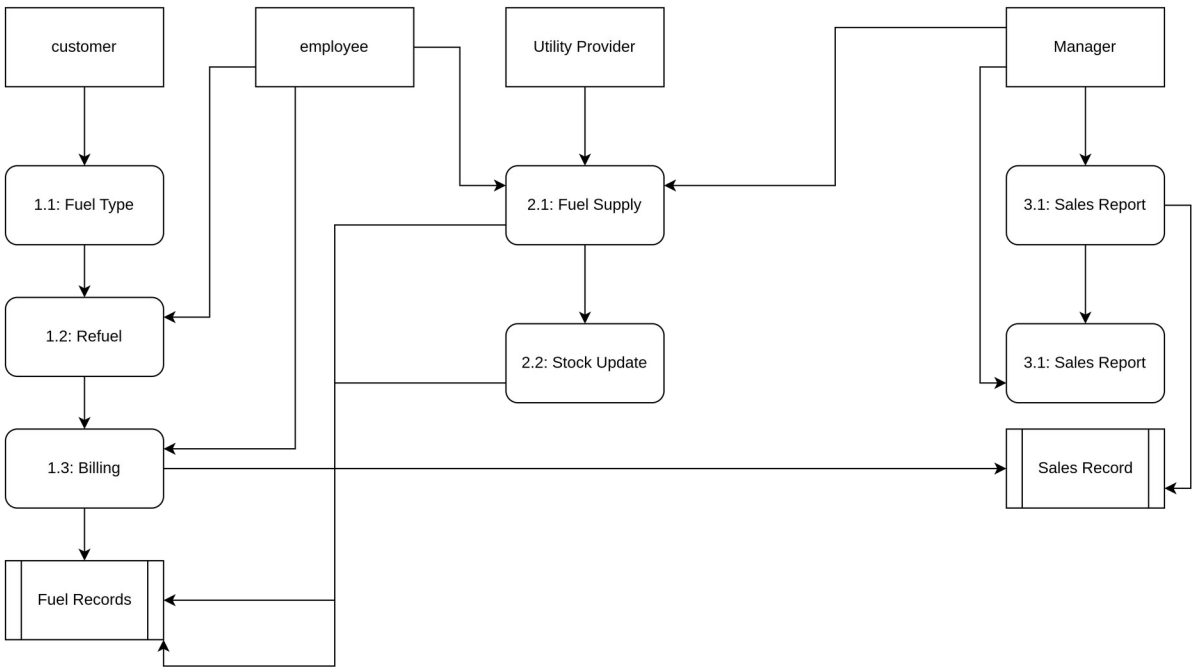

Level 1 Diagram

Q2

Context Diagram

| customer | | manager |

Petrol Pump

| employee | | utility provider |

Level 1 Diagram

| customer | employee | Utility Provider | | Manager |

1.1: Fuel Type

2.1: Fuel Supply

3.1: Sales Report

1.2: Refuel

2.2: Stock Update

3.1: Sales Report

1.3: Billing

Sales Record

Fuel Records

Q3

Online Banking

Check Balance

Dispute Management

Transactions

<Extend>

Manage Accounts

<include>

reports

Customer

Transfer Money

user roles

<include>

Bank Manager

Pay Bills

security

Clerk/Teller

Insurance Bills

<Extend>

system settings

System Admin