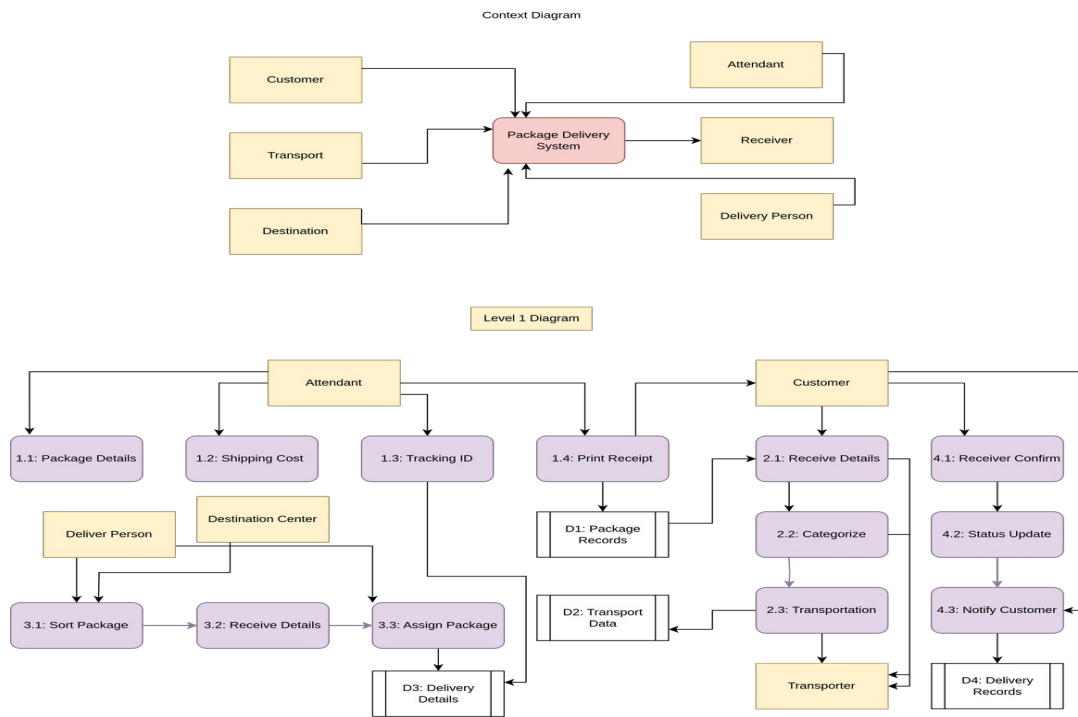SE Assignment 3: DFD & Use Case Diagram
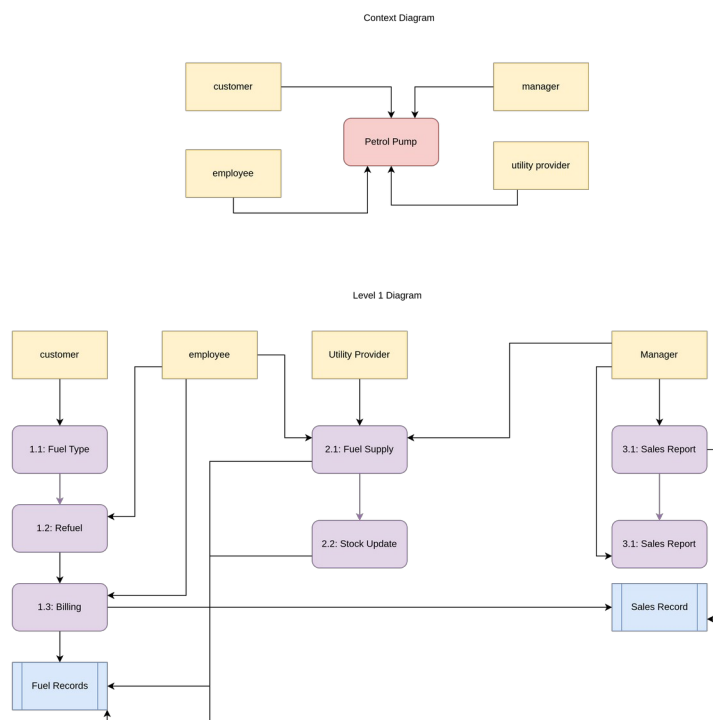Name: Aoun Ali Kazmi
Roll #: L1F22BSCS0785

Q1

Context Diagram

Level 1 Diagram

Q2

Context Diagram

Level 1 Diagram

Q3

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
```

Online Banking

```
Check Balance                 Dispute
                              Management

              <Extend>
Transactions                  Manage
                              Accounts

              <include>
Customer      Transfer Money  reports         Bank Manager

                              user roles
              <include>
              Pay Bills
                              security
Clerk/Teller  Insurance Bills
                              system settings
              <Extend>                         System Admin
```