**Lab 5 : Writing SQL Queries To Create Stored Procedures**

**Case Study: Sales Management System (SMS).**

Sales management system database is used to manage sales of products to registered customers. It utilises a few stored procedures to manage the data input and update.

**TO DO:**

Write SQL Queries to create the stored procedures as per the requirements given below.

|  |  |  |
| --- | --- | --- |
| No | Name | Purpose |
| 1 | SP\_ManageCustomer | Used to add new records or update existing records in the Customer table. Accepts all or part of the data and then adds new records for new customers. If existing customer id is provided, the stored procedure will update that customer record. |
| 2 | SP\_AddPurchaseItem | Utilized to add purchase item. If transactionid is provided, then it is considered as adding item to an existing purchase. If transactionid is not provided, then it is considered as a new purchase. |
| 3 | SP\_RemovePurchaseItem | Utilized to remove a purchase item. If there is no more purchase item left for a purchase then that transaction record is also removed. |

Note: *refer to* [*https://www.w3schools.com/sql/*](https://www.w3schools.com/sql/) *for sql syntax.*