Privileges for Customer

GRANT SELECT, EXECUTE ON Customer TO Customer;

The Customer needs to able to view the rows of the Customer table. The role to INSERT new customers or update an existing one will be delegated to the Admin to prevent Customers from creating other customers. The EXECUTE privilege allows the Customers to execute the functions and procedures to make a purchase order.

Privileges for Admin

GRANT ALL ON Customer, Bank, Product, Store, WarehouseItem TO Admin; GRANT SELECT ON Transactions TO Admin;

The Admin has all privileges to all the tables except the Transaction table. This allows the Admin to delete modify or delete the content of these tables. Basically, the Admin manages these table. For the Transaction table the Admin can only view the content. The Admin do not need to insert rows or manage the table. Insertion of rows into transaction can only be done by the Customer through the procedures.