

## Bonus Case Problem

Maddie, a recent college graduate living in Orange County, spent months earning money by running errands and completing basic chores for family members and acquaintances, while looking for full-time employment. As her list of customers needing such services continued to grow, Maddie decided to start her own business called OCChores. The business, which Maddie operates completely online from her home, offers customers a variety of services – from grocery shopping and household chores to yard work and pet care – on a subscription basis. Clients become members of OCChores by choosing a plan that best suits their needs. Each plan provides a certain number of tasks per month to members for a specified period of time. For this case, complete the following:

1. Create the database design that will help Maddie manage her business efficiently. Notate the dbase design in PM format.
2. Implement the database by using SQL DDL to create the tables.
3. Insert and populate the database with a minimum of 5 records using SQL DDL.
4. Execute and create the database diagram in SQL Server
5. Execute SQL statements that will all records for each table in the database.

\*Note: Submit the completed case as a pdf file.