# ITEC 4200 Advanced Database Semester Project

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Name of Project: Ye Moderne Ice-Creame Shoppe

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**Executive Summary**

**Objective**

This database is designed to aid Ye Moderne Ice-Creame Shoppe by cataloging information about employees, sales, equipment, and inventory.

**Goals**

The goal with this database is to provide an easy and structured method of storing and retrieving the information necessary to run a successful ice cream shop.

**Solution**

The solution is the creation of multiple database tables and the relationships between said tables. The tables include the following: *Ice\_Creame, Employee, Equipment, Inventory, Sale, Flavors* and *Equipement\_Service*. These tables represent the main entities and associative entities. Additional queries and reports will provide the needed information. It will be implemented in using Oracle 18c.

**Benefits to Users**

This database will act as a tool for providing information in a simple and reliable fashion. It will help to simplify operations, provide discernments regarding trends, and give insight into customer preferences.

**Project Outline**

The project will contain the following major components:

* Entity-Relationship Diagram
* Table Implementation
* Queries
* Reports

**Entity-Relationship Diagram**

