# CS374 – Intro to Database Management

# Application Development Project

# Rubric for First Deliverable

## Group Member #1: McKenna Galle (The Great Generator)

## Group Member #2: Tersa Almaw (The Awesome Advocate)

## Group Member #3: Vina Le (The Lifeline Leader)

**TEAM G-AL-LE**

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| Name | Requirements | Points | Awarded |
| Description of Application | * An overview of your application * System requirements (e.g. hardware, DBMS, other software) * A detailed description of your application | 25 |  |

For our project, as a group we are trying to implement a mobile application that resembles a refrigerator. It resembles an app that manages what food is inside the fridge and gives live updates to the app. This includes a tracker that keeps count of what type of food is currently in stock through the app, as well as update users automatically while they are out grocery shopping. We will start by creating a database that includes all foods that is located in the fridge, and will ask for user input at the end of the night the inventory of the fridge.

For a system requirement, we will have our database implemented in Microsoft Access and embedded SQL code using Visual Studios. The user can ask the program for input by selecting whether they want to view the shopping list or the items that is already in the fridge. This is an aid that provides the user with less stress when they forget the grocery list or wants to update the fridge. This application also allows for reminders and plan-aheads in case of hosting events or parties. In addition, it allows for instant update throughout the whole fridge when a person at home needs a certain type of food while another person is at the store.

In this application, we are creating a database that is organized into two different major sections of the app: what is inside the fridge and outside of the fridge, including the grocery list, reminders, and live update (we don’t know how to do that last part). In the fridge, there contains the type of item (non-perishable, perishable food and drink), the date bought and expiration, and quantity; all located in certain compartments of refrigerator (like the freezer, cooler, door, or shelf). At this point, we are focusing our shopping list based on what needs to be updated in the fridge. Perhaps in the future, we would love to implement the application into a pantry-like app that includes products and items not stored in the fridge.