**Project Proposal :** Goto Grocery Record Management system **(**GG-RMS**)**

**Solution direction:** Mold this into a desktop only solution.

This project will be based within the local supermarket involved in identifying customers ordering habits and managing their item needs. They use this information in order to correctly maintain the level of inventory needed to keep items available, but not to overfill the warehouses with unnecessary overstocks.

Within our solution domain includes creating a desktop application in order to fill these roles, which in that case needs to consider the server availability for providing a designated spot to run the application. Also what would be needed is an underlying database structure for holding all the records in an efficient manner. If we were considering a client desktop application, the number of and processing capacity of the clients will need to be considered during the project.

Our group has had some experience with working at a supermarket, providing some understanding into the likely requirements of the records needing to be managed. All of us have had experience in Object orientated programming and in C#.

As for existing technology within the solution domain, many pre-existing software is present to observe. Customer order management software varies widely in domains from complete web based apps to client side, functionality also varies widely provided features that go beyond our own project scope. However, in existing technology shows our expected functionality of creating customer, item and order records, and providing analysis reports on said records..

**Problem domain:**

Business operations(investigate more) experience, project, grocery stores, members, competitors what is the difference between company a and b, business processes

Process operations to find solution

* Context; daily operations,
* Propose a better solution

**Solution domain:**

record management, sales recording, inventory control, data analysis, trend analysis.

**Knowledge and experience:**

* C#; moderate. have done before and could learn again quite quickly
* C++; high, is the main language being used for my other subjects this semester
* SQL; moderate, have before and could learn again

Have done a few group esc projects but nothing quite on this scale or similar in terms of the project outcome.

**High level design:**

*Architecture framework:* Desktop application, as stated above the solution is to do a desktop application only so this is obviously going to be the framework.