

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

### **Background**

Goto grocery are a local grocery store that have been using paper-based recording to mark down member details and sales records, that now, are desiring a switch to an online digital system. They state that their biggest issue with the paper-based system was often stock that was not in demand was ordered. They require a GUI interface that is able to efficiently manage member and sales records, with the functionality to write out a CSV file.

### **Scope**

The application should be a graphical user interface that the client (people who are working at Goto Grocery) interacts with to check the details of members (members of Goto Grocery) and what members are ordering/demanding, relaying to the client what it is they should be ordering, with the ability to output this data in the form of a CSV report.

In practice, the client should be able to open the application from an end device, see what it is members are demanding at a current given time, with the ability to export this if needed, and, from this, the client should successfully be able to determine what it is that needs to be ordered to satisfy members.

It should only need to be used by the client and not members of the store. The application will only relay the formatting for inputting data, Goto grocery will be responsible for filling in the system (they will populate the databases). The application will not support access to the internet.

Such things that would be considered out of the scope for this project would be machine learning/AI, that would be able to analyse ahead of time from previous data what is likely to be ordered. Relating to this the software is not intended to tell the client what they should order, they should be able to infer this from the data that is given. The software is only expected to relay to the client what members of the store need in terms of grocery's, hence, the application will not support information regarding sales and accounts. As mentioned prior, the application is not expected to have access to the internet, that would be outside the scope of this project.

Such things that are on the boundary of the scope, would be a function that would let clients report a bug or provide their feedback on the software, and if there are any improvements that could be made. Another such thing could potentially be a login system that clients would have to pass through first before using the application.

## Deliverables and schedule

- Software source code & Installer (.exe)
- User manual
- Incorporate the software into the store
- Training program to GoTo Grocery employees
- Contact line for software support

## Initial Release Schedule of the Product backlog items

No.	Item	Dependencies	Business Value (1 least – 10 most)	Release Schedule (Sprint 1   2  )
F1	Add a new member	F10	9	Sprint 1
F2	Add a sales record	F1, F11	9	Sprint 1
F3	Edit a sales record	F2	5	Sprint 1
F4	Analyze a member's grocery needs i.e., determine what is being demanded by members of the store, which would insinuate what it is the store should be ordering and what they should not at a certain time.	Existence of a member's record and that member's sales records	9	Sprint 1
F5	Edit an existing member	Existence of a member's record	5	Sprint 2
F6	Export a generated report as a CSV file	F4	9	Sprint 2
F7	Generate records on multiple member's needs	Existence of multiple member's record	5	Sprint 2
F8	Delete a sales record	Existence of a member's record	4	Sprint 2
F9	Delete a member record	Existence of a member's record	4	Sprint 2
F10	Member Database		8	Sprint 1
F11	Sales Database		8	Sprint 1
F12	Item Database		8	Sprint 1
F13	Create an account login system	Some form of the application that is usable	4	Sprint 2
F14	Member Graphical User Interface	Complete application functionality	9	Sprint 1
F15	Sales record GUI	F11	9	Sprint 1
F16	Checkout function GUI	F10, F11, F4	5	Sprint 1
F17	Create Item Record	F12	3	Sprint 1
F18	Edit Item Record	F17	3	Sprint 1
F19	Delete Item Record	F17	2	Sprint 1