**Project Proposal[[1]](#footnote-1) :** Members Record Management System

**Background**

Goto Grocery is a member-based grocery store located in Hawthorn. They provide types of groceries to their members. Currently, this grocery store uses paper-based system to record their member details and to record the sales.

**Scope**

The system that we will be designing will have many types of function compared to paper-based system. The main functions will be adding or managing the member records to add or remove members and also to update the details of the members.

**Deliverables and schedule**

*Deliverables:*

*• Proposal*

*• Project Report*

*• Manual*

*• Source Code*

*• Finished Product*

**Initial Release Schedule of the Product backlog items**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Item** | **Dependencies** | **Business Value (1 least – 10 most)** | **Release Schedule**  **(Sprint 1 | 2 | 3 | …)** |
| F1 | Add a new member |  | 7 | Sprint 1 |
| F2 | Add a sales record | F1 | 8 | Sprint 2 |
| F3 | Edit a sales record | F2 | 8 | Sprint 2 |
| F4 | Analyse a member's grocery needs | Existence of a member's record and that member's sales records | 9 | Sprint 2 |
| F5 | Display sales record | F2 | 8 | Sprint 2 |
| F6 | Manage member records | F1 | 8 | Sprint 3 |
| F7 | Membership Points | F5 | 9 | Sprint 3 |
| F8 | *List of discount items* | F4 | 9 | Sprint 3 |
| F9 | … | … | … | … |
| F10 | … | … | … | … |
| … |  |  |  |  |

**Tutor**

**Miss Robina Tinawin**

**Team Members**

1. Vighnesh A/L Ganapathi (Cyber Security) – 104057178
2. Ngau Yong Sheng (Data Science) – 103526703
3. Chiam Jun hao (Cyber Security) – 103526716
4. Liew Chan Yeong Derrick(Data Science)-103536663

**Comments**

* Vighnesh

I agree with the project title we have chosen which is the members management system for the Goto Grocery in Hawthorn. I personally agreed for this choice because using paper-based system to manage members and so on is old style and also includes more time. Not only that, paper-based system could also cause problems easier such as ordering items that are not needed for the members. In conclusion, I agree with the team’s decision with selecting this project and also with the backlog items because they seem to be very logical and important as well.

* Yong Sheng

I agree with this title. The reason I agree with this project title it is due to the fact that using paper to record down valuable and important details of the customer is so old-style and there is a risk the document will get lost or destroyed.

* Chiam Jun Hao

In my opinion, using paper base record is not efficiency and you might lose most of your data in that case I will not recommend all kind of businesses to use it. Therefore, I will encourage someone to use software base system to store data. Because if you try to solve someone issues or claim some discount you will be able to get data in an instant.

* Liew Chan Yeong Derrick

For my opinion, using paper base record is a complicated way and kind a old-style. Using paper base record is not environmentally friendly cause we need to use a lot of paper to record the customer information. In long term, the information in the paper will easily get blur. Beside that, it also lacks of backup and limited security, this will cause the customer information easy to leak out. Other then that, it also wastes a lot of time to record the customer information because handwriting is not faster then using a software base system.

1. This document is by no means a “full project proposal”. It has been simplified and customized for the purposes of SWE20001 teaching. The full project proposal includes many other sections which have not been discussed during the first few weeks of SWE20001 teaching. [↑](#footnote-ref-1)