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Tutorial Class: Tue 12:30 EN310
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Project Proposal : GotoGro-MRM

Background:

A Grocery Store looking to digitize its member list (including their sales record) in such a way that it notifies them of their member's grocery needs, both accurately and also on time. Furthermore, they also want the software to be in a GUI format and the reports to be easily converted into CSV for some later processing.

Scope:

Specific ones that will be done:

- Making a Website to fulfil GUI/Menu interface with options to add new member, list of all member, update member, delete member, search member for front end
- Integrate the following feature to the front end: Selecting member name will bring up all information about him or her (like firstname, last name, birthdate, address, phone number and also their overall sales information/statement)
- Integrate feature to delete or modify the sales information when updating the member information
- Processing done via html,css, javascript and php to help in form making, data processing, storage and retrieval aspects
- Make a database to finally store the information collected from the websites (like the mysql database that had been used before like apache) containing tables for member, sales and items

General one that will be done:

- Letting company view, update, delete member details and each member's overall sales information using the software itself (no need account system to use the software)

Out of scope:

- segregating sales information for each month for the member,
- allowing members access to their own or other member's information,
- Creating specific accounts for each and every person in company to use to access the system

Deliverables and schedule:

- *New Website (ie HTML, CSS, Javascript ,pHp files)*
- *New Database files and tables (apache)*

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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 1
F3	Edit a sales record	F2	8	Sprint 1
F4	Analyse a member's grocery needs	Existence of a member's record and that member's sales records	9	Sprint 1
F5	Update the Member	F1	8	Sprint 1
F6	Update that member's sales record	F2	8	Sprint 1
F7	Add 2-3 more new members		7	Sprint 1
F8	Add 2-3 more new sales records	F7	7	Sprint 1
F9	Delete a member and observe if all details including sales record removed or not	Existence of a member's record and that member's sales records	8	Sprint 1
F10	Delete or update a member's sales record and see if member's other details intact or not	Existence of a member's record and that member's sales records	8	Sprint 1
F11	Test check for common user input error and responses on the website (like wrong number of numbers in phone no., using / or other illegal characters in name,ec)	Website final structure setting stage	10	Sprint 1
F12	Test check for common errors and responses on the database side and ensure atomicity of all database transactions	Database final structure/Schema set stage	10	Sprint 1