

# Project Proposal<sub>1</sub> : GotoGro-MRM

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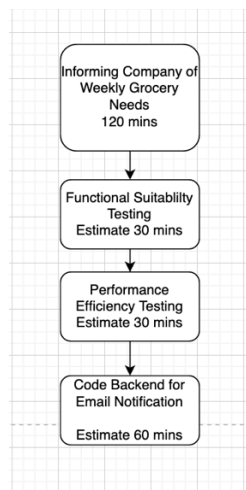
Product Backlog ID : (Weekly Updates on Grocery Need) Sprint2

## 1. Weekly Updates on Grocery Need (120 mintues)

I have chosen to work with the backlog item which provides the store with weekly updates on the members grocery needs via email and other platforms. I specifically am working with setting up the email system. This item was something I am familiar with and have worked on something similar before.

To completely implement the notification system, we must complete a set of subtasks which are listed below:

1. Performance Testing
2. Functional Testing
3. Coding Back-end for email notification



### 1.1. Coding Back-end for email notification (60 minutes)

#### a. Estimation by Analogy

I have previous working with email notifications sent based on a fixed timeframe. The store needs to receive an email every week with details about orders which are made weekly so they can prepare stocks beforehand. Based on the work I have done before with an email notification system this backlog item is very similar. One extra thing I need to do is to query the database for all weekly orders and get all their orders in a list and present them in the email.

#### Previous Experience

Coding backend for a Job portal site

- Email all the listed candidates once a new job post made
- Time required: ~45 minutes

#### Current Task

- Email store with a list item for weekly orders.
- Time estimated: ~60 minutes (Adjusted)

### 1.2. Functionality testing

#### a. Estimation by Comparison

we have done functionality testing before in other backlog items and compared to functionality testing for Displaying Member data this is also similar. The effort required for testing is same.

*Comparison Table*

Display Member Data	Email Notification for Weekly Need
Functional Suitability Testing	Functional Suitability Testing
Time Required: 40 minutes	Time Estimate: 30 minutes

### 1.3. Performance Testing (30 Minutes)

#### a. Estimation by Comparison

we have done performance testing before in other backlog items and compared to performance testing for Displaying Member data this is also similar. The effort required for testing is same.

*Comparison Table*

Display Member Data	Email Notification for Weekly Need
Performance Testing	Performance Testing
Time Required: 30 minutes	Time Estimate: 30 minutes