**Group 5: Iteration 3**

**Membership Management Software**

**Revised Product Backlog**

**Members:**

**Marco Puzzo - 500761565**

**Janakkumar Bhanushali - 500593453**

**Devon Li Vong Shing - 500705669**

**Jacob Wagner - 500754931**

**Nicolas Barrios-Ruiz - 500773454**

**Backlog Completion Legend**

Task Text = Task is completed or Story has all of it’s tasks completed

Task Text = Task is being worked on

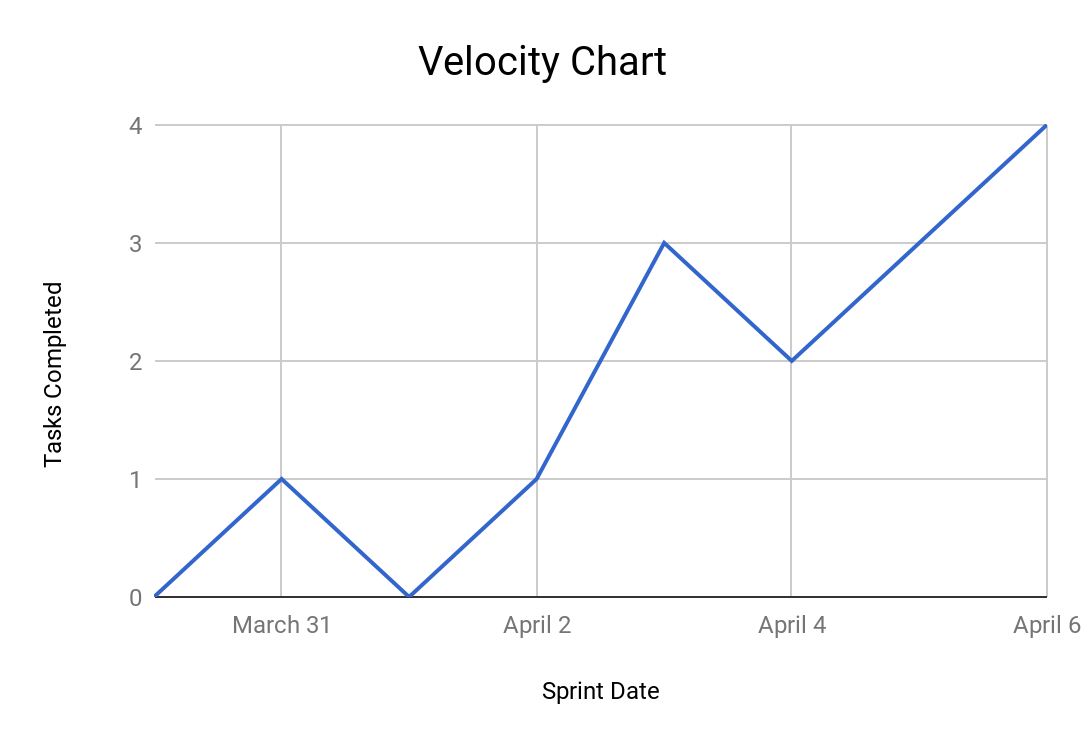
Task Text = Task or story was added to product backlog

Estimate Text = Estimate which has been changed

Task Text = Task which could not be completed due to time constraints

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Requirement** | **Story** | **Initial Priority** | **Task** | **Estimate** |
| **Track club finances** | **Treasurer needs to be able to see the club’s current profit** | **Med** | **Create the income statement and add the revenue portion**  **(members payments, any other income that may come)** | **Old: 2**  **New: 1** |
| **Add the expense portion to the income statement (coach’s payments, hall expenses, any other expenses)** | **Old: 2**  **New: 1** |
| **Create a list for the year, logging each month’s profit to compare changes in revenue/expenses in order to find ways to maximize profit** | **Old: 3**  **New: 2** |
| **Treasurer needs a log of any unpaid debt from previous months (i.e. any months the rent for the hall was not paid, or not fully paid, and unpaid coach expenses )** | **High** | **Create a list to log the total amount of unpaid coach expenses and hall expenses for each month,**  **prioritizing the urgency for payment** | **1** |
| **Treasurer needs the current month’s account payables (e.g. members who have paid in advance)** | **Med** | **For efficiency, this can be listed in the income statement under revenues. Since there is no mention of a return policy, this can be**  **counted as a revenue as soon as the transaction is completed.** | **Estimate:3**  **Actual:**  **1** |
|
| **Log and sort members** | **Keep a log of the members** | **Med** | **Create a list of the**  **members who have attended the class, and those who will be attending the class. Each member will have their name, phone number, whether they paid or not, and address** | **1** |
| **Sort the members by their frequency of attendance in the club. Provide a discount based on amount of practices attended.** | **Low** | **Using the list of members, organize the members by the amount of times they have attended practice at the club.** | **2** |
| **Based on the frequency level, the member will have a loyalty discount. The top 10 people on the list of most practices attended will receive a complimentary discount of %10 off for one class. This will help ensure member retention.** | **Old: 3**  **New: 2** |
| **Sort the members by whether they have paid or not. Provide a discount or charge based on amount of unpaid/paid classes.** | **High** | **Using the list of members, organize the members by the amount of times they paid/not paid.** | **2** |
| **If the member has not paid more than once,**  **then he will be subject to a penalty fee and possibly exclusion from the group. A reminder will be sent for any member who has skipped at least one payment.** | **3** |
|
| **If the member does not skip a payment for 3 months, he will receive a complimentary discount for 10% off for one class.** | **1** |
| **User interaction with application** | **The coach should be able to communicate to the members about future practices** | **High** | **Create a user interface where a message can be sent out to all or some members, with details of future practices or changes to any practices. A reminder message can also be sent out for a member who has skipped a payment** | **4** |
| **The treasurer should be able to manage coach list and schedule. The coach should be able to manage the members**  **list (i.e. adding or removing)** | **Low**  **(used to be Mid)** | **Create user interfaces for the treasurer to modify the list of participants. Any affected individual will receive a notification upon changes.** | **3** |
| **Members need to be able to schedule and pay for the practice within the app.** | **Low**  **(used to be Med)** | **Create user interface for payment methods**  **or link to third party payment methods. Coaches should receive notifications of scheduled practices and class amount.Treasurer receives notifications of received payments with user id of the payer.** | **3** |
| **Members need to be able to login to different versions of software that gives them different permissions** | **High** | **Create database with user login and password information.** | **Estimate:**  **1**  **Actual:**  **2** |
| **Implement a encryption algorithm to keep login and password information secure.** | **Estimate:**  **1**  **Actual:**  **2** |
| **Implement a decryption algorithm to read user login and password information to confirm user identities.** | **Estimate:**  **1**  **Actual:**  **2** |

**Team Velocity Chart**

****