Sprint Review #3

LiftingPal

Sprint Review Report
Sprint 3
Version 1
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Revision History

Date	Description	Author	Comments
11/19/18	Version 1	Team	First Revision

Document Approval

The following Software Requirements Specification has been accepted and approved by the following:

Signature	Printed Name	Title	Date
	Angel Chang	Software Eng.	11/21/2018
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1. Introduction

As of this sprint, we have successfully finished a large crux of our front-end work for our application. We focused on making our website more appealing and approachable, and added some basic links which will help potential users. During this sprint, we have specifically implemented the social media aspect of our product, and a one-rep max calculator page for users. We needed to create a front-end page to host our calculator, and actually implemented the calculator via Javascript. The results of the calculator will be stored in a database to later on aid us in making a plan for the user. We have also implemented our social media aspect of our product which involves using Twitter. We basically want to implement Twitter to create a sort of community for our users. Any user tweeting "#LiftingPal" will have their tweets displayed within our website to help create our own community for potential lifters using our product. This sprint has a total of 20 story points, and the majority of our time was occupied by attempting to implement the social media aspect of our product. The next sprint will be focused on implementing the backend operations for our product such as database management. Overall, we have had a pretty successful sprint and will continue on working on our remaining goals to complete our product by the last sprint.

2. Specific Goals

2.1 Story Name & Number

Implement One Rep Max Calculator Page

2.1.1 Story Description:

Create a page where the user can input a weight for a given number of repetitions and get an estimated max using a formula.

2.1.2 Story Acceptance Criterion

The page displays a weight textbox and a repetition textbox, as well as a calculate button.

2.1.3 Story Dependencies

This story has no dependencies.

2.1.4 Story Challenges

It was difficult to create an aesthetically pleasing and simple page that didn't overwhelm the user and was fairly self explanatory.

2.1.5 Story Assigned to

Angel Chang
Robert Rozin

2.1.6 Story Points

4

2.1.7 Status: Completed or not

Completed

2.2 Story Name & Number

Implement One Rep Max Calculator Functionality

2.2.1 Story Description:

Create functionality for a One Rep Max Calculator. The calculator should take the user input for weight that a person can possibly lift, and the user input for the number of repetitions. The calculator using the user input should give the user a valid amount of weight that the user can lift in a repetition.

2.2.2 Story Acceptance Criterion

The page displays two text boxes for user input, one for weight and the other for repetitions. The calculate button will submit the user inputs and return a valid response for the user.

2.2.3 Story Dependencies

This story is dependent on the front-end implementation of the calculator on the product's webpage.

2.2.4 Story Challenges

The main difficulty was in designing an algorithm to correctly calculate the valid outputs for a user depending on their inputs. After several trial and error attempts we have found our algorithm which does exactly what we want for our calculator to perform correctly.

2.2.5 Story Assigned to

Angel Chang
Abhi Inuganti

2.2.6 Story Points

7

2.2.7 Status: Completed or not

Completed

2.3 Story Name & Number

Implement Social Media Functionality

2.3.1 Story Description:

Implement a social media platform into our site so that users can interact and share their accomplishments

2.3.2 Story Acceptance Criterion

Have a functioning page that can display different users post as well as allow them to post in a way that other users can easily see

2.3.3 Story Dependencies

Sprint 2 story 2.4 make the social media page

2.3.4 Story Challenges

We decided that instead of implementing our own platform, we will use Twitter. This is a much simpler implementation because they provide web APIs to import, opposed to creating the databases and functionality of a full social media platform. A challenge using Twitter is that we will have to find a way to create a niche community of our app users within the larger Twitter community. To accomplish this we will display anyone that tweets with "#LiftingPal". These tweets will be what is displayed on our platform and it will give users more flexibility in what they would like to say in their posts.

2.3.5 Story Assigned to

Andrew McLaren
Drew Kozak
Abhi Inuganti

2.3.6 Story Points

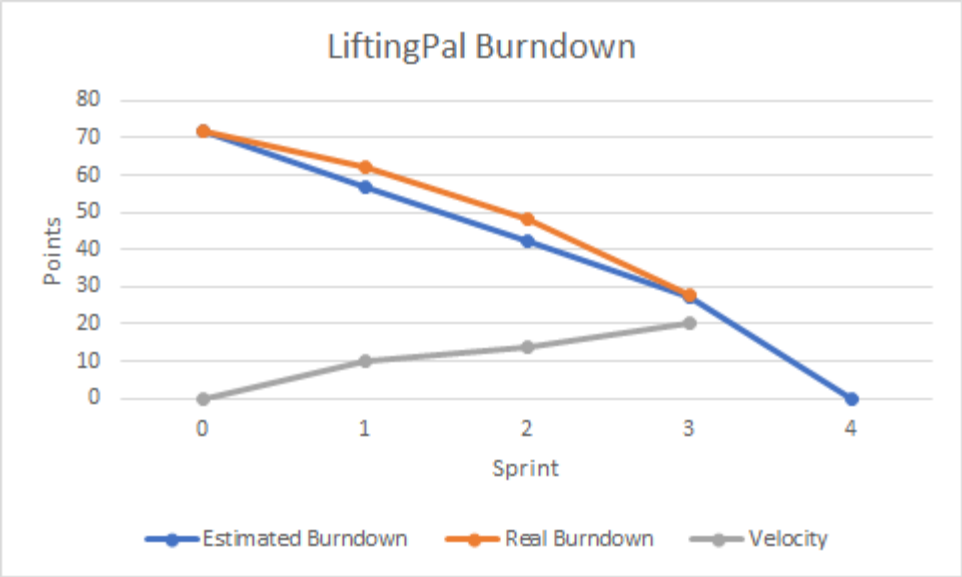
9

2.3.7 Status: Completed or not

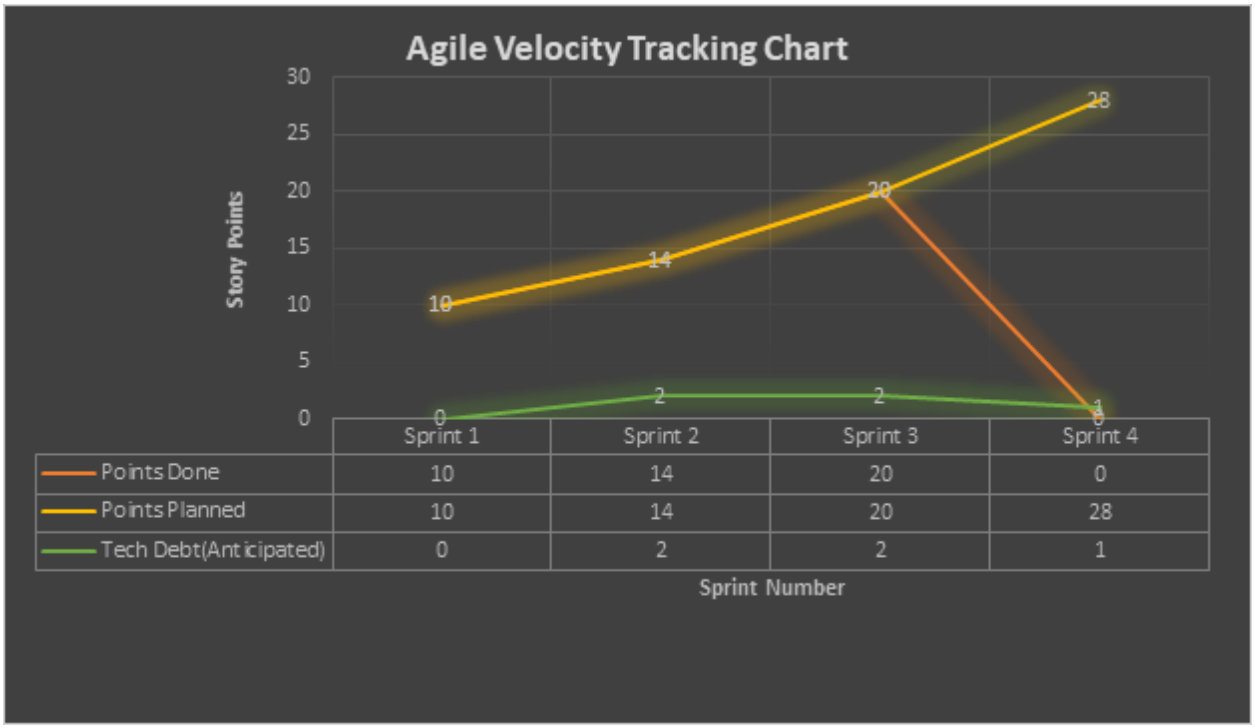
Completed

3. Analytics

3.1 Sprint/Product Burndown Chart



3.2 Sprint Velocity (LiftingPal)



4. Conclusion

In conclusion, we have successfully finished a total of 20 story points for this sprint. At the very start of the sprint we focused on making our web page more presentable to potential users. Afterwards we moved onto our actual story points that we have planned for this particular sprint. We have decided to add a one-rep max calculator to our page, and so we worked to implement

the functionality of the calculator and successfully integrated it in on our webpage. The majority of our time during this sprint was taken up by the social media aspect of our product. This was the first time anyone in our group has tried to integrate Twitter as a social media aspect for a webpage. The difficulties that we have faced while trying to implement this aspect were more than what we had initially expected. Our actual implementation of the story was relatively shorter when compared to the time it took for our group to understand what it was that we needed to do for this aspect of the product. Despite our difficulties, we have managed to complete our vision for the social media aspect, while continuing to finish even more of the front-end work for our product. For our final sprint, we will finish working on the database side of the product to store the results of our users to develop a personal plan for them. This is essentially the backend work that we expect to finish to finally present a working product for the final sprint.