Nutrition Tracker

Sprint Review Report
Sprint 1
Version 1
10/24/2018

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Prepared for
CS1530
Fall 2018
University of Pittsburgh

Revision History

Date	Description	Author	Comments
10/24/2018	Version 1	Sai Konduru	Initial update

Document Approval

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

Signature	Printed Name	Title	Date
	<Your Name>	Software Eng.	

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1. Introduction

For this sprint, our team's main goal was to set up the login and the main layout of the application. We needed to make sure google sign in worked with the unknown flutter framework. We also wanted to spend the sprint learning the flutter framework and learn a little of dart. We planned to do three user stories with a total point worth of 7. The login required a little more attention than originally planned. We had issues with the IDE and login interface and that took more time than expected to debug. Other than that most of the project went without any major issues. Since the initial layout of the app was set up, we can progress forward with the other features. The next few sprints will focus on each of the different features. Sprint 2 will mainly deal with backend work behind the search feature.

2. Specific Goals

This section should include specific stories planned for the Sprint:

2.1 Story Name & Number

Log in user story & 1.

2.1.1 Story Description:

User is able to login and get to the home screen of the application if they are authorized.

2.1.2 Story Acceptance Criterion

If everyone in the group can login successfully using their google accounts, the solution is accepted.

2.1.3 Story Dependencies

N/A

2.1.4 Story Challenges

One major challenge involved with this user story was the inconsistencies between team members flutter versions. When one member was able to login successfully with the application is was found that the other team members were having issues because one team member's

IDE was registered with google but the other member's wasn't. It was later found that we need to get everyone's IDE's SHA1 fingerprints registered with Firebase to allow for the Google Sign in to work when using an emulation from a specific systems IDE.

2.1.5 Story Assigned to

Story was assigned to Sai Konduru.

2.1.6 Story Points

3

2.1.7 Status: Completed or not

Completed

2.2 Story Name & Number

Layout & 2

2.2.1 Story Description:

User will be able to navigate through the app by pushing a menu button and selecting the page he wants to visit.

2.2.2 Story Acceptance Criterion

If app layout is functioning in the emulator for at least two of the members, the story is accepted.

2.2.3 Story Dependencies

Depends on the completion of the Login Story.

2.2.4 Story Challenges

No real challenges faced except for learning the Flutter framework. We made some minor layout changes on the main screen for a slightly more intuitive navigation setup for the user by using a drawer instead of an expanding Floating Action Button since we weren't too sure on the concept of Stateless and Stateful widgets.

2.2.5 Story Assigned to

Assigned to Allen Poon.

2.2.6 Story Points

2

2.2.7 Status: Completed or not

Not Completed: Layout is integrated with the functionality of the page so plan is to add more widgets on the page when we integrate further functionality.

2.3 Story Name & Number

Main Object Creation & 3

2.3.1 Story Description:

User, DailyCal and FoodItem classes will be created to allow for easy access to user and user's food information.

2.3.2 Story Acceptance Criterion

If test suites for each of the classes are created and successful, the story will be accepted.

2.3.3 Story Dependencies

NA

2.3.4 Story Challenges

Difficulty with some of the unit test framework.

2.3.5 Story Assigned to

Assigned to Brendan Lestander & Kyle Horner

2.3.6 Story Points

2

2.3.7 Status: Completed or not

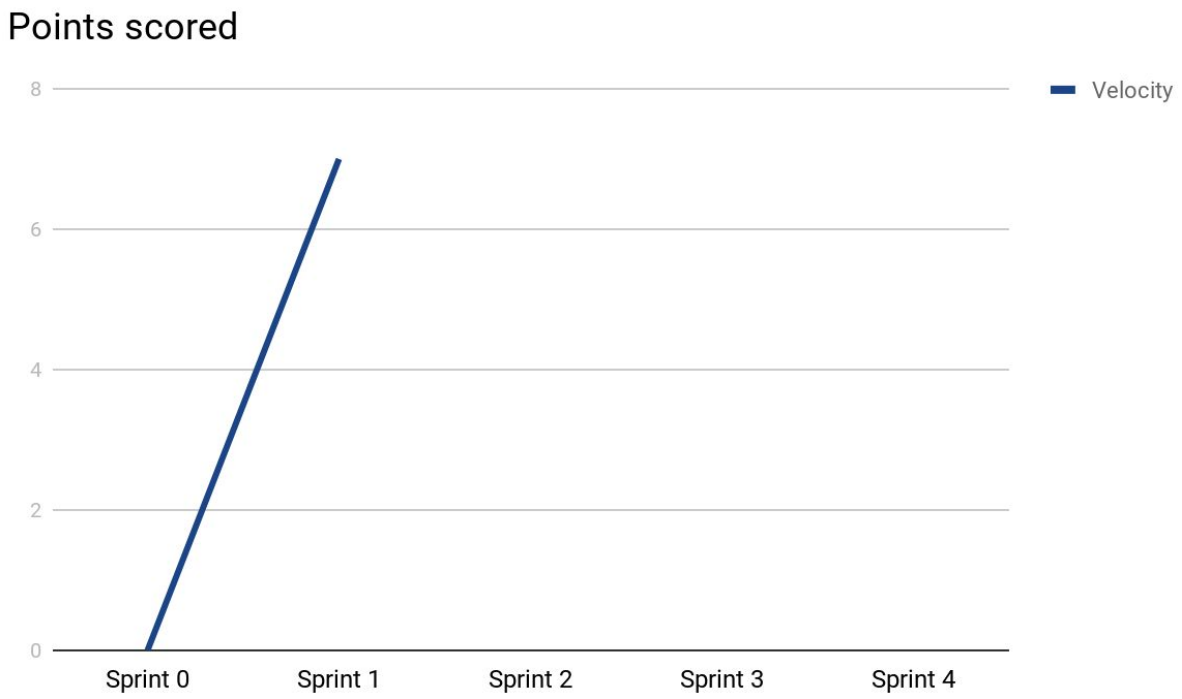
Completed

3. Analytics

3.1 Sprint/Product Burndown Chart (sample chart shown below)

N/A

3.2 Sprint Velocity (sample chart shown below)



4. Conclusion

Over sprint 1, we learned a lot about the framework and the language that we initially planned to use. We faced some difficulties with sharing the project with each other. We also found that some feature were much easier than expected while others took much more time to debug. For sprint 2, our main focus will be to accomplish much of the backend work required for the application. We will be focusing on mainly getting the search feature set up with the National Nutrition Database and start working on the backend Firebase and SQLite databases.