Sanat Sangamalli
Christina Carlisle
Brian Basaldua (Scrum Master)
Elijah Holmberg
Kai Kondo-Bacon (Product Owner)
Team Snuuz
Revision Number: 1.0
Revision Date: 12/1/2019

## Sprint 4 Report

**Actions to Stop Doing:**

Some members have been slightly late or outright absent to meetings, which has impeded progress in completing the project. If we were continuing this process, we would have worked on arriving on time so that we can complete these meetings in a timely manner.

**Actions to Start Doing:**

If we were continuing this process, the team should spend more time on user stories in order to complete the project. We should consistently push to our respective branches to reduce big merges in the future. We should also start using our new acceptance and done criteria before we push our changes to the project repository.

**Action to Keep Doing:**

If we were to continue this process, the team should continue having efficient Scrum meetings, and continue communicating frequently about project updates. We have also done better on spending time with integrating our user stories all together.

**Work Completed:**

We have officially completed user story 2 and successfully integrated it with the rest of the code. The application makes a sound for the alarm at the user inputted time, however it only rings once. In addition, we have created a database that stores key values that we use and we have all been educated on the basics of databases. We also have a functioning alarm that records wakeup time via user input. There is also a snooze button that will set an alarm 10 minutes from the time it is pressed. We have successfully implemented AnyChart so the user can visualize their sleep patterns. That is all user stories from this sprint.

**Work Not Completed:**

There is no work that we have not completed in terms of user stories and tasks. That's because it is the end of the release for this class. However, for our alarm sound(user story 2), the alarm only rings once instead of in a loop. When we tried to implement a loop the application crashed. Since we want to have a minimum viable product we just stuck with the single ring.
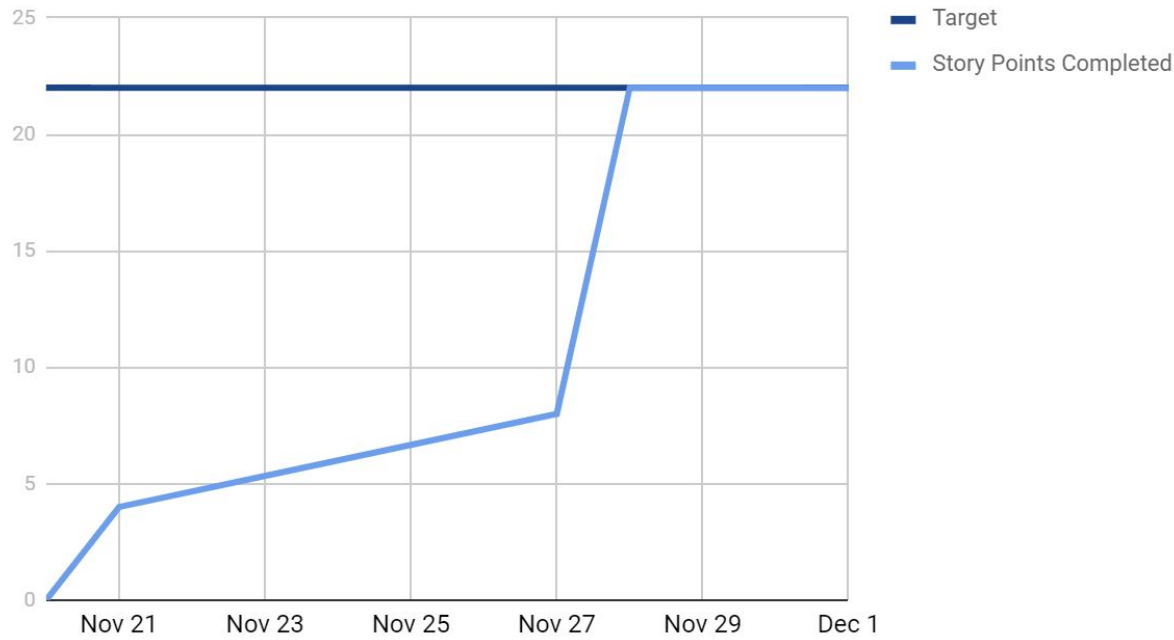
**Work Completion Rate:**

We have completed all 22 story points on our burnup chart. Therefore we have a 100% completion rate, as this is the end of our release.
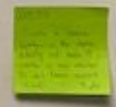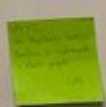
**User Stories**

1. As a developer, I want to be able to store the alarm times in a database
   a. Task 1: Make a database with fields for alarm time, sleep time, and getup time.
      i. Time estimate: 1 pts
   b. Task 2: Find variables for alarm time, sleep time and getup time, then use an SQL function to store values in database.
      i. Time estimate: 3 pts
   c. Task 3: Teach the team how to retrieve data from SQL database.
      i. Time estimate: 1 pts
   d. *Total for user story 1: 5 pts*

2. As a user, I want my phone to make a sound when the alarm goes off to wake me up.
   a. Task 1: Find the variable for alarm time and make the sound go off at said time.
      i. Time estimate: 2 pts
   b. Task 2: Make the alarm noise stop when the user presses the dismiss button or the snooze button
      i. Time estimate: 2 pts
   c. *Total for user story 2: 4 pts*

3. As a user, I want an alarm to work and to input my getup time with text input so that I can record when I get up
   a. Task 1: Create a text input in the alarm activity and store it into the getup time variable
      i. Time estimate: 2 pts
   b. Task 2: Create a snooze button in the alarm activity and make it create a new alarm 10 minutes from the current time
      i. Time estimate: 3 pts
   c. *Total time estimate for user story 3: 5 pts*

4. As a user, I want to see my data in chart form so I can easily visualize my sleep history
   a. Task 1: Use AnyChart's built in functions to implement a blank graph
      i. Time estimate: 2 pts
   b. Task 2: Use fake values to simulate the previous 30 days of data
      i. Time estimate: 6 pts
   c. *Total time estimate for user story 4:* 8 pts

Total time estimate for sprint 4: 22 pts

# Sprint 4 Burn-up Chart

| USER STORY | TO-DO | IN PROGRESS | DONE |
| --- | --- | --- | --- |
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |