

## **Sprint 2 Plan**

**Product Name: SproutLabs**

**Team Name: SproutLabs Test Automation / Alexa**

**Sprint End Date: 11/3/2017**

### **Sprint 2 Goal: Unit Testing / Skill Implementation**

For Sprint 2, as Test Automation developers, we want to write unit tests for the SproutLab web application's single file components. As Alexa developers, we want to implement Alexa skills to respond with the user's sensor data.

### **Test Automation Team – User Stories**

#### **User Story 1**

As a developer, I want to test my page components so that we can ensure that the web application is designed efficiently.

<b>Tasks</b>	<b>Time Estimate</b>
1. Write unit tests for RecentNotificationBox.	3 hours
2. Write unit tests for SensorAvatar.	3 hours
3. Write unit tests for SensorBox.	3 hours
4. Write unit tests for DashboardChart.	3 hours
5. Write unit tests for Welcome.	3 hours
6. Write unit tests for ConfigureNode.	3 hours
7. Write unit tests for Dashboard.	6 hours

Total for User Story 1: 24 hours

### **Alexa Team – User Stories**

#### **User Story 2**

As a developer, I want to get the recent data into AWS so that I can implement the skills.

<b>Tasks</b>	<b>Time Estimate</b>
1. Build 3–5 Alexa skills using existing framework.	9 hours

Total for User Story 2: 9 hours

#### **User Story 3**

As a developer, I want to be able to link with the user account to get the correct data.

<b>Tasks</b>	<b>Time Estimate</b>
1. Test connection to devices by linking the ID.	2 hours

Total for User Story 3: 2 hours

## Team Roles

- 1) Alejandra Buznego: Scrum Master and Alexa Developer
- 2) Edgar Bernal Sanchez: Test Automation Developer
- 3) Michael Pluguez: Test Automation Developer
- 4) Nicole Thompson: Test Automation Developer
- 5) Terence Tang: Test Automation Developer

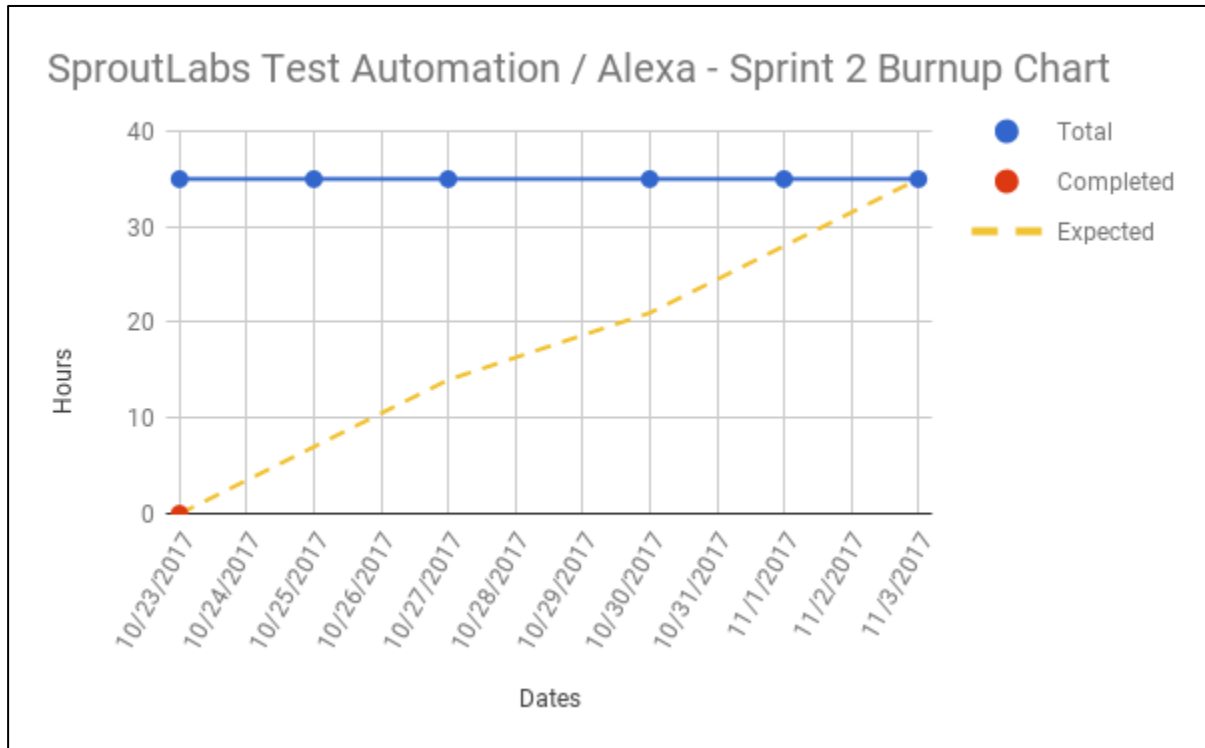
## Initial Task Assignment

- 1) Alejandra Buznego [Alexa]
  - User Story 3: As a developer, I want to be able to link the user account to get the correct data.
  - Task: Test connection to devices by linking the ID.
- 2) Edgar Bernal Sanchez [Test Automation]
  - User Story 1: As a developer, I want to test my page components to ensure that the web application is designed efficiently.
  - Task: Write unit tests for DashboardChart.
- 3) Michael Pluguez [Test Automation]
  - User Story 1: As a developer, I want to test my page components to ensure that the web application is designed efficiently.
  - Task: Write unit tests for Welcome.
- 4) Nicole Thompson [Test Automation]
  - User Story 1: As a developer, I want to test my page components to ensure that the web application is designed efficiently.
  - Task: Write unit tests for SensorAvatar.
- 5) Terence Tang [Test Automation]
  - User Story 1: As a developer, I want to test my page components to ensure that the web application is designed efficiently.
  - Task: Write unit tests for RecentNotificationBox.

## Scrum Times

Scrum Meeting	Date	Time	Location
Standup #1	Monday	11:00am – 11:30am	BE 302
Standup #2 with TA	Wednesday	10:50am – 11:15am	BE 302
Standup #3	Friday	10:30am – 11:00am	BE 302

## Initial Burnup Chart



## Initial Scrum Board

### SproutLabs Test Automation / Alexa Scrum Board

#### Sprint 2: Unit Testing / Skill Implementation (End Date: 10/22/2017)

User Stories	To-Do	In Progress	Done
As a developer, I want to test my page components so that we can ensure that the web application is designed efficiently.	Write unit tests for RecentNotificationBox. [Terence] Write unit tests for SensorAvatar. [Nicole] Write unit tests for SensorBox. [Nicole] Write unit tests for DashboardChart. [Edgar] Write unit tests for Welcome. [Michael] Write unit tests for ConfigureNode. [Edgar] Write unit tests for Dashboard.		
As a developer, I want to get the recent data into AWS so that I can implement the skills.	Build 3-5 Alexa skills using existing framework. [Alejandra]		
As a developer, I want to be able to link with the user account to get the correct data.	Test connection to devices by linking the ID. [Alejandra]		