Amazon - IR Blaster

CSE 115C, Spring 2020
Nixon Duong, Nikhil Punathil, Peter Eskraus

Sprint 3 Plan

Amazon - IR Blaster, (3/23/20 - 4/3/20)

Goal:

- Working dialogue for training mode
- Working dialogue for transmitting frequencies (use intent)

Task listing, organized by user story:

Sprint 3 (Total Points: 68):

SPIKE AVS-LIRC Interface: Understand how AVS works and how we can interconnect AVS running on the RPi to the LIRC code.

User Story #6: (21 points): As a user, I want Alexa to recognize a command to perform a particular action from the saved set of actions.
Tasks: [Initial Assignments: Nixon, Nikhil and Peter]
- (14 Points): Implement wrapper around irsend
- (7 Points): Implement interaction model for use intent

User Story #7: (21 points): As a user, I want to be able to ask Alexa to go into training mode.
Tasks: [Initial Assignments: Nixon, Nikhil and Peter]
- (14 Points): Implement wrapper around irrecord
- (7 Points): Implement interaction model for set up intent

User Story #8: (13 points)**:** As a developer, I want to have a pipeline for continuous integration and delivery.
Tasks: [Initial Assignments: Nixon]
- (13 Points): Set up Amazon CodePipeline

User Story #9 (13 points)**:** As a developer, I want to have an interface that connects the hardware code that reads and transmits the frequency with the Alexa Voice Services software running on the RPi.
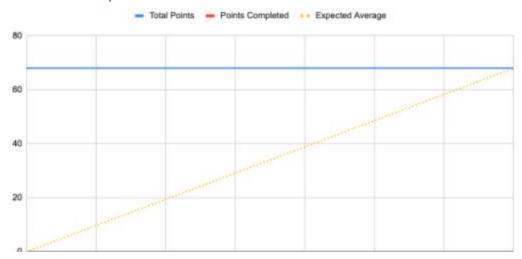**Tasks: [Initial Assignments: Nixon]**
- (13 Points): Implement endpoints for frontend/ backend communication

Team Roles:

Nixon Duong - Product Owner, Developer
Nikhil Punathil - Scrum Master, Developer
Peter Eskraus - Developer

Initial Burnup Chart:

Initial SCRUM Board: