

Sprint 3 Plan
Twitch Giveaway Tracker
Sprint Completion Date: 11/25/2019

Goal: To be able to allow users to join multiple channels, analyze them and notify users if giveaways are detected.

Kelin Weichi Coby Brendan Scott

User Story 1: As a user, I want more functionality, so I can enter more giveaways

Task 10 (4 hours): Sub-windows to filter/search channels to join include stuff in https://twitch-tools.rootonline.de/channel_previews.php?stream_type=live

- Create an interface that allows you to filter the channels you want the bot to monitor by title, game, and number of viewers.
 - (Would link selectable options in the interface to the code we wrote in the other tasks that gather titles, streams from a certain category, etc so you could choose which streams you wanted to monitor at any given time.)

Task 2 (5 hours): User can input a keyword for giveaways

- If a certain channel has a specific keyword that allows you to enter the giveaway, we want to let the user be able to enter that keyword into the program
- The keyword will be a higher priority than other words

Total: 9 hours

User Story 2: As a user, I want a better way to detect giveaways, so that the giveaway tracker is more accurate

Task 3 (8 hours): Analyze by chat patterns - (Probably multiple people/sprints)

- Counter/Dictionary for detecting giveaways
- Look for patterns in chat, such as people typing a keyword like !enter or !join.
- Look for multiple similar messages in a row from people which might indicate that message is a keyword for a giveaway.
 - (Have to parse the chat and notify if a keyword (!enter, !join, etc) is typed in the stream chat. May have to check if it's typed more than once in a small time frame to avoid false positives (i.e. someone randomly typing one of those things without a giveaway actually happening).)
 - (Can parse chat and notify if a word is said several times in a short period, which would indicate a bunch of people typing a certain keyword to join a giveaway)

Total: 8 hours

User Story 3: As a developer, I want all functions to work together so that we have higher functionality

Task 4 (4 hours): Analyze what's being given away and how to join

- Integration to main

Task 5 (5 hours): Show a pop-up for when a raffle is detected, sound included (4 hours)

- Fix bugs

Task 6 (1 hour): Analyze by Titles

- Integration to main

Total: 10 hours

Team roles:

Brendan Reilly-Langer - project owner, developer

Wei-Chieh Hung - developer

Scott Liu - developer

Coby Forrester - developer

Kelin Erickson - scrum master, developer

Initial Task Assignment:

Brendan Reilly-Langer - task 4

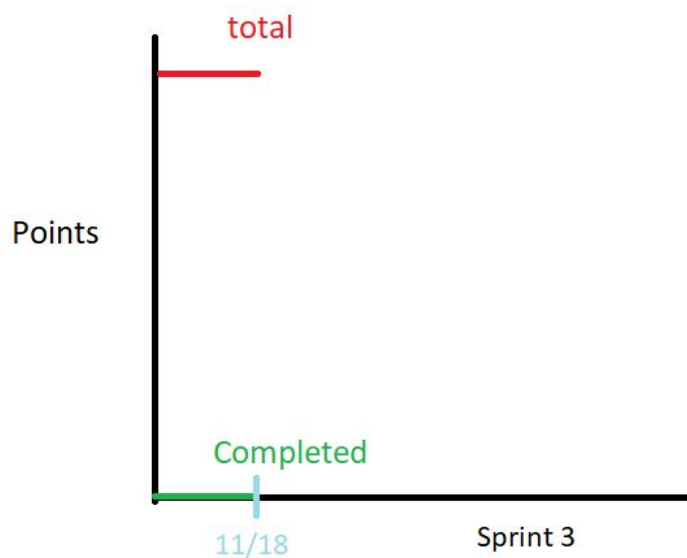
Wei-Chieh Hung - task 8

Scott Liu - task 1, 5

Coby Forrester - task 3

Kelin Erickson - task 2

Initial Burnup Chart - Room 134A



Initial Scrum Board - Room 134A

User Story	Not Started	In Progress	Completed
User story 1	10, 2		
User story 2	3		
User story 3	4, 5, 6		

Scrum Times:

Monday, Wednesday, Friday

4:00 pm ~ 4:15 pm

Backlog:

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