Sprint 1 Plan
Completion Date: 11/4/2019
Revision Number:
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Goal: Connect to a twitch channel and read messages from the chat

Task listing:
User Story 1: As a user, I want to be able to connect to a specific twitch channel.
Task 1 (4 hours): Configure the socket to correctly connect to twitch's IRC server and auto-response to answer twitch's ping calls and comply with their protocols.
Task 2 (2 hours): Automate the login process to generate and send twitch auth token without the user having to generate one themselves.
Task 3 (2 hours): Setup the message processor to automatically format raw messages into IRC format messages.

User Story 2: As a user, I want to be able to read the messages of the twitch channel I'm connected to.
Task 4 (12 hours): Set up a python function that can read from the twitches server messages and output it to a file with a buffer.
Task 5 (4 hours): Write a function in python that can find keywords and characters from the messages read in.

User Story 3: As a User, I want to have a graphical IRC client to see the emotes and badges.
Task 6 (16 hours): Set up a graphical application to display information on, including channel names, messages.
Task 7 (16 hours): UI design- have it be presentable and understandable
Task 8 (10 hours): Parse IRC parameters to translate into graphics, i.e. badges, user colors, emotes...
Task 9 (6 hours): Figure out a way to download, cache and render emotes or other pictures and replace the text

Team Roles:
Brendan Reilly-Langer: Developer (project owner)
Wei-Chieh Hung: Developer
Scott Liu: Developer
Coby Forrester: Developer (scrum master)
Kelin Erickson: Developer

Initial Task Assignment:
Brendan Reilly-Langer T: 8,9

Wei-Chieh Hung: 1,2,3
Scott Liu: 6
Coby Forrester: 4,5
Kelin Erickson: 7

<u>Scrum times:</u>
      Monday   4:00pm - 5:00pm (TA assisted)
      Wednesday 4:00pm - 5:00pm
      Friday   4:00pm - 5:00pm