ML Action Classification Test Plan

This file details the action(s) each PCAP file is designed to test. Including the specific timestamp will allow for analysis to be conducted on the produced ML prediction results. A stopwatch will be used when recording PCAP data to perform the test action as close to the specified time as possible. Each test will be conducted three times, producing three files. Resulting PCAP files will not be uploaded to GitHub for privacy reasons.

Notes:

1. If the 'Play' action is not included in the test, the PCAP capture will begin after the test video has loaded, been paused and stopped buffering.
2. Recording will stop 5 seconds after the final action is performed, except for 'Play' actions where the recording will stop once playback begins.

Single action tests, same timestamp

Test One

Action	Rough timestamp (s)
Like	8

Test Two

Action	Rough timestamp (s)
Comment	8

Test Three

Action	Rough timestamp (s)
Subscribe	8

Test Four

Action	Rough timestamp (s)
Search	8

Test Five

Action	Rough timestamp (s)
Play (load video and begin streaming)	8

Single action tests, different timestamp

Test One

Action	Rough timestamp (s)
Like	3

Test Two

Action	Rough timestamp (s)
Comment	2

Test Three

Action	Rough timestamp (s)
Subscribe	8

Test Four

Action	Rough timestamp (s)
Search	4

Test Five

Action	Rough timestamp (s)
Play (load video and begin streaming)	6

Multi action tests

Test One

Action	Rough timestamp (s)
Like	3
Comment	6

Test Two

Action	Rough timestamp (s)
Play	3
Subscribe	12

Test Three

Action	Rough timestamp (s)

Subscribe	3
Search	9

Test Four

Action	Rough timestamp (s)
Search	4
Play	8

Test Five

Action	Rough timestamp (s)
Play	12s
Like	25s