Automated Test Plan

EXECUTIVE SUMMARY:

Introducing CompanyB's interaction solutions will be a significant change to CompanyA's live streaming functionality. This cycle of testing will assess the cross-functionality of core operations across all current user platforms. In addition, regression tests covering all previous functionalities will be included to verify backward compatibility with existing iterations.

SCOPE OF TESTING:

All existing user platforms will be assessed for variations, behavioral anomalies, and incompatibility. Individual test cases will cover:

• Desktop Web (OSX Safari, OSX Chrome, Windows Edge, Windows Firefox, Windows Chrome)

• Mobile Web (Android Chrome, iOS Safari, iOS Chrome)

• iOS Native (iPhone, iPad; latest OS)

• Android Native (Samsung, Moto; last 2 OSes)

• FireTV

• AndroidTV

• Roku

• Chromecast (Android and iOS)

ASSUMPTIONS/RISKS:

Testing assumptions would be finding mild, likely trivial idiosyncrasies in device performance. The main risk would be a device inconsistency resulting in a block.

TOOLS:

BrowserStack for cross browser testing

BrowserStack for mobile device testing

Appium for streaming device testing