Alpha Presentation
Snagit and Camtasia Output Extensibility
The Capstone Experience
Team TechSmith
  Logan Arent
  Carter Chamberlain
  Collin Dillinger
  Ryan Schiller
Department of Computer Science and Engineering
Michigan State University
Spring 2018
Project Overview

• Three new plugins for Snagit and Camtasia
  ▪ Wistia
  ▪ TechSmith Video Review
  ▪ Imgur

• Build Test Harness for Development
  ▪ Load in Outputs
  ▪ Test each plugin independently
System Architecture

- Snagit
- Camtasia
- Windows Desktop
- .NET Stack
- TechSmith Extensibility Framework
- Imgur Output
- TechSmith Video Review Output
- Wistia Output
- Media Hosting APIs

Team TechSmith Alpha Presentation
Screen Shot: SnagIt Share Menu
Screen Shot: TechSmith Video Review
Screen Shot: Test Harness
Screen Shot: Alpha Output Menus
What’s left to do?

• Authentication
  ▪ The Imgur output supports anonymous posting, but will have the option to post directly to a user's account
  ▪ The TechSmith Video Review output's authentication will be adapted to use a system similar to our Wistia output

• More clipboard options
  ▪ Beta outputs will have more options to format links returned from successfully posted media
  ▪ Users may need more flexibility than a static link

• Expanded media hosting
  ▪ Our beta Wistia output will support posting a video directly to a Wistia project rather than on its own
  ▪ Imgur supports a system of media "albums" and tags, and our beta Imgur output will allow logged-in users to access these features

• Asynchronous output
  ▪ Our beta outputs will output media asynchronously to prevent locking
  ▪ This will also provide a more consistent user experience with other TechSmith outputs
Questions?