Beta Presentation
Internal Telemetry For TechSmith Products
The Capstone Experience
Team TechSmith

Ryan Ciffin
Ben Hickmott
Dakota Locklear
Zack Schreur
Zhuolun Xia

Department of Computer Science and Engineering
Michigan State University
Spring 2019
Project Overview

• Internal Telemetry Framework (ITF)
  ▪ Dynamic-Link Library
  ▪ WER registers this to run on application crash
  ▪ Sends necessary information to database
  ▪ Included in prototypes

• Web Portal
  ▪ Products and versions
  ▪ Report types
System Architecture

Prototype Application 1

Prototype Application 2

Internal Telemetry Framework

Web Interface

ASP.NET Core

Azure Database & Website Hosting

Windows Error Reporting

Flowdock Notification
Internal Telemetry Dialog Box
Home Screen

Welcome to the Internal Telemetry Portal For TechSmith Products
Camtasia Product Screen
Camtasia Product Screen
What’s left to do?

• Debugging
• Finalize integration with TechSmith
• Finalize documentation
Questions?