

**MICHIGAN STATE**  

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**U N I V E R S I T Y**

# Beta Presentation

## Video Review Slack Integration

The Capstone Experience

Team TechSmith

Neil Xu

Conner Bean

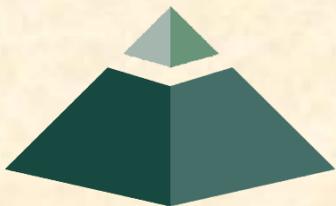
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Fall 2018



*From Students...  
...to Professionals*

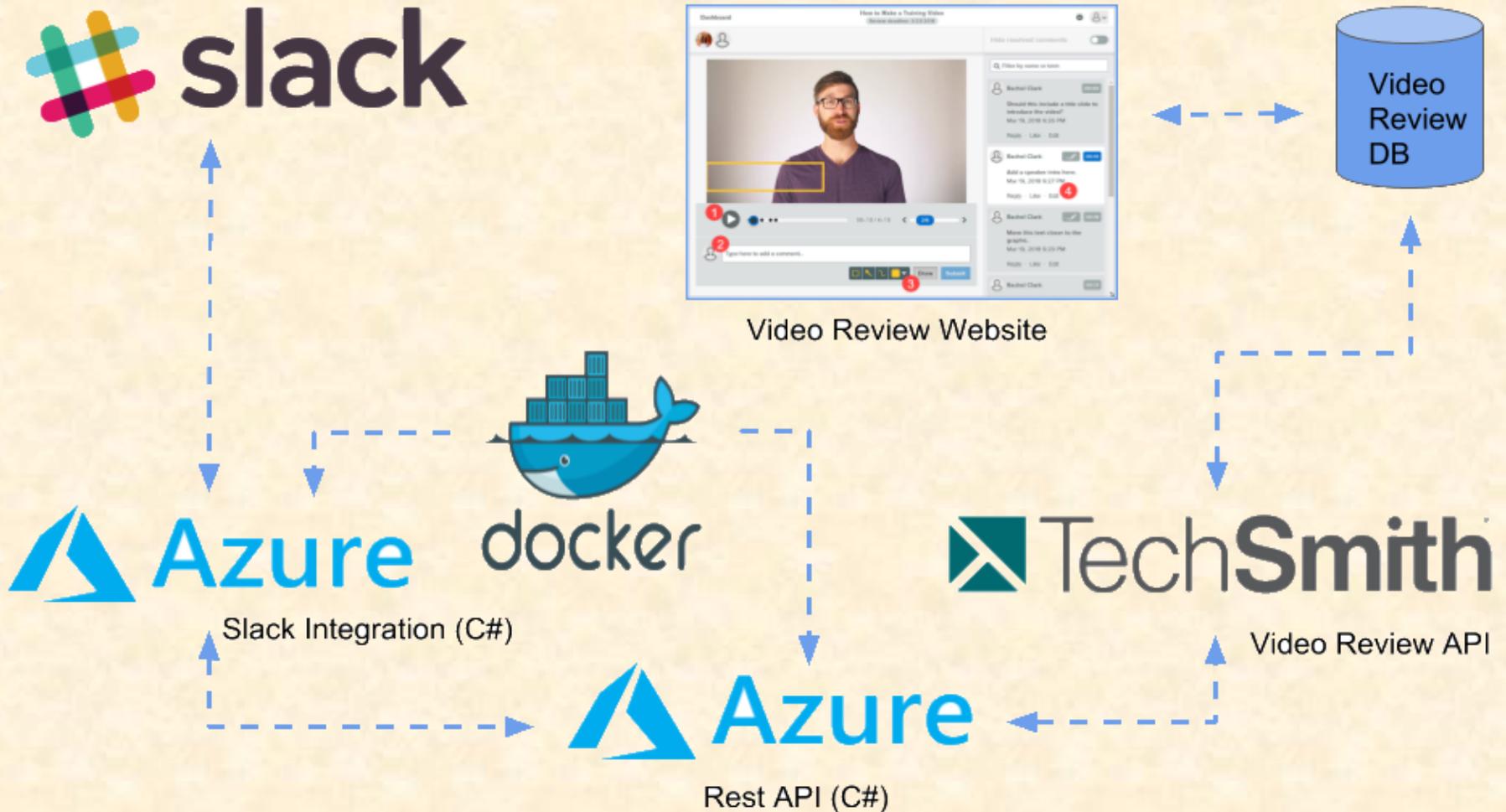
# Project Overview

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- Users currently have only one method to access TechSmith's Video Review application
- The integration will allow users to operate within Slack environments
- Preserve all TechSmith Video Review functionality within Slack
- End result will give users more versatility
  - Creating, editing, reviewing videos
  - Mobile device capabilities



# System Architecture



# Creating Review Within Slack

The screenshot displays a Slack channel named **#company-videos**. The channel header shows 5 members and 0 topics. The conversation history includes:

- Noah Hirvela** (10:23 PM): Hope everyone is having a stress free day!
- Conner** (10:25 PM): Hey, I have a video I created. Anyone care to look?
- Nick Gilreath** (10:26 PM): Sure, I'll check it out!
- Noah Hirvela** (10:26 PM): Oh man, been waiting all week to see this awesome content!
- Conner** (10:26 PM): Cool! I'll post it now to Video Review! (edited)

A **new messages** separator is present. The current message is from **TechSmith** (10:35 PM), sharing a video titled **Office Work Stock Video.mp4** (2 MB MPEG 4 Video). The video player shows a black screen with a 0:00 duration.

Below the video, there are **2 replies**. The first reply is from a **Test APP** (`< 1 minute ago`) with a JSON payload: `{!["channelName": "CD4CU9QQP", "threadTs": "1541993715.044600"]}`. The second reply is from **Conner** (`< 1 minute ago`) with the text: **Let me know what you think!**

The bottom of the interface shows a message input field with the text **Message #company-videos**, a **Send** button, and a checkbox for **Also send to #company-videos**.



# Sync Existing Review To Slack

The screenshot shows a Slack channel named `#company-videos`. The channel header includes a search bar and icons for search, star, and more options. The main content area shows a message from **Conner** at 10:48 PM, which is a video titled "Office Work Stock Video.mp4" (2 MB MPEG 4 Video). The video player shows a woman in an office talking on a phone. Below the video, there is a reply from **Test** (APP) at 1 minute ago, containing a JSON object: `!{"channelName": "CD4CU9QQP", "threadTs": "1541994511.052300"}`. The input field at the bottom shows a command `/syncreview` followed by a URL: `https://videoreview.tsc-stage.co/review/4a6Qy1JXbudCY6OsrbvUTo`. The channel name `#company-videos` is also visible in the thread header.



# Comments To Slack

#company-videos

☆ | 👤 5 | 🗨️ 0 | ➕ Add a topic

Today

[stage.co/review/gTFEPYlrYNAM80X1efK...dGYlamGGSzj1YUODTh5""response\\_url":null}](#)

**Noah Hirvela** 10:25 PM  
Hope everyone is having a stress free day!

**Conner** 10:25 PM  
Hey, I have a video I created. Anyone care to look?

**Nick Gilreath** 10:26 PM  
Sure, I'll check it out!

**Noah Hirvela** 10:26 PM  
Oh man, been waiting all week to see this awesome content!

**Conner** 10:26 PM  
Cool! I'll post it now to Video Review! (edited)

**Conner** 10:48 PM  
MPEG 4 Video

**Office Work Stock Video.mp4**  
2 MB — Click to download

0:00 / 0:17

Thread

#company-videos

**Office Work Stock Video.mp4**  
2 MB MPEG 4 Video

0:00 / 0:17

39 replies

**Test** APP 3 hours ago  
{"channelName": "CD4CU9QQP", "threadTs": "1541982899.009300"}

**TechSmith** 3 hours ago  
!{"channelName": "CD4CU9QQP", "threadTs": "1541982899.009300"}

**Test** APP 3 hours ago  
\$Last Update:11/12/2018 12:36:37 AM

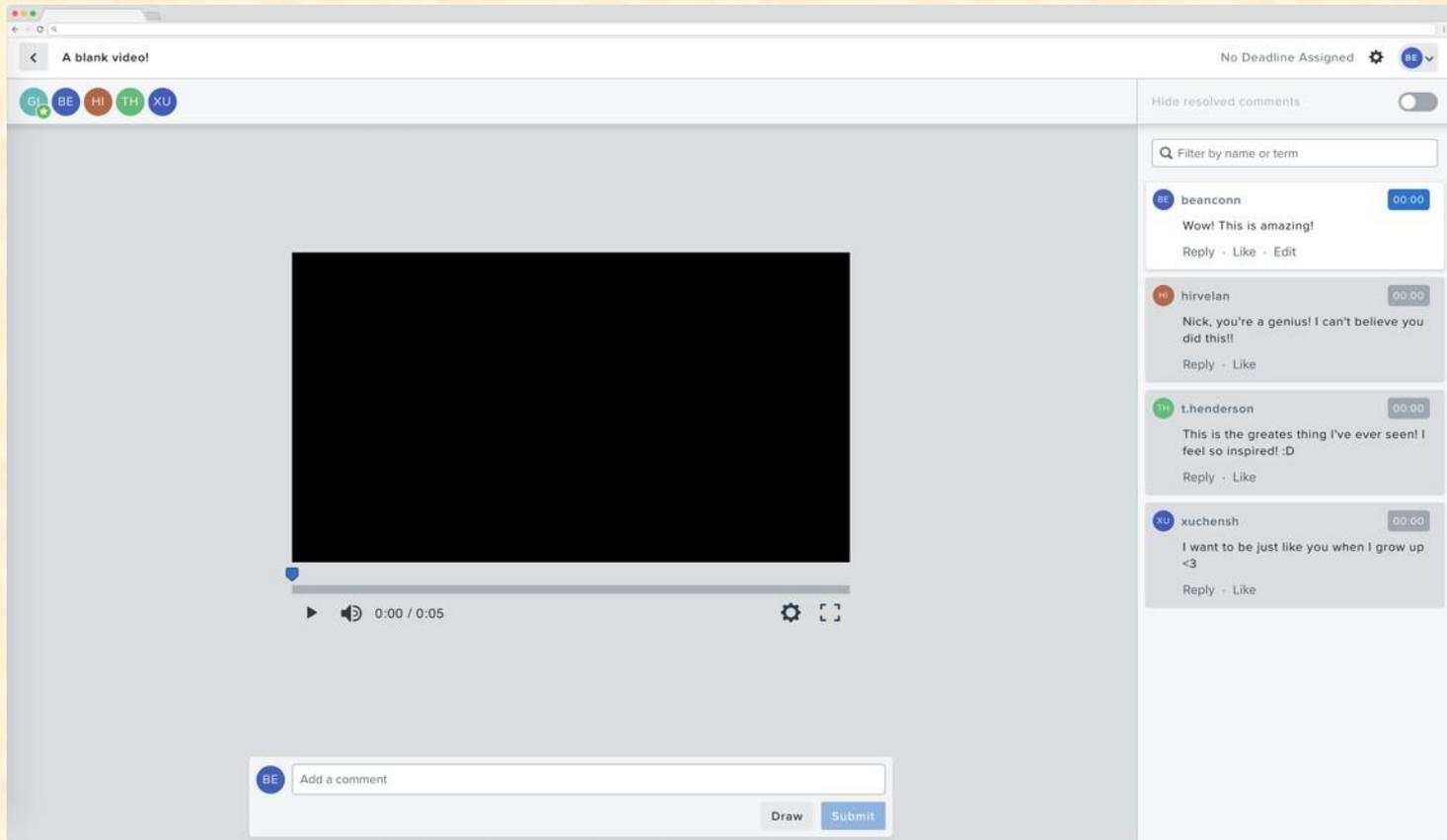
**Test** APP 3 hours ago  
Wow, 3 post-its and a tac. Bold strategy!

**Test** APP 3 hours ago  
Nice chairs

+ Message #company-videos



# Dynamic Users



# What's left to do?

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- Unit Testing
- Storage of Comment Timestamps
- Slack Command For Adding New Reviewer



# Questions?

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