

MICHIGAN STATE

U N I V E R S I T Y

Alpha Presentation

AVAST: Amazon Shopping and Video Technology

The Capstone Experience

Team Amazon

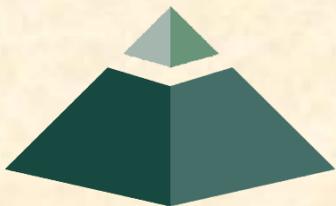
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*From Students...
...to Professionals*

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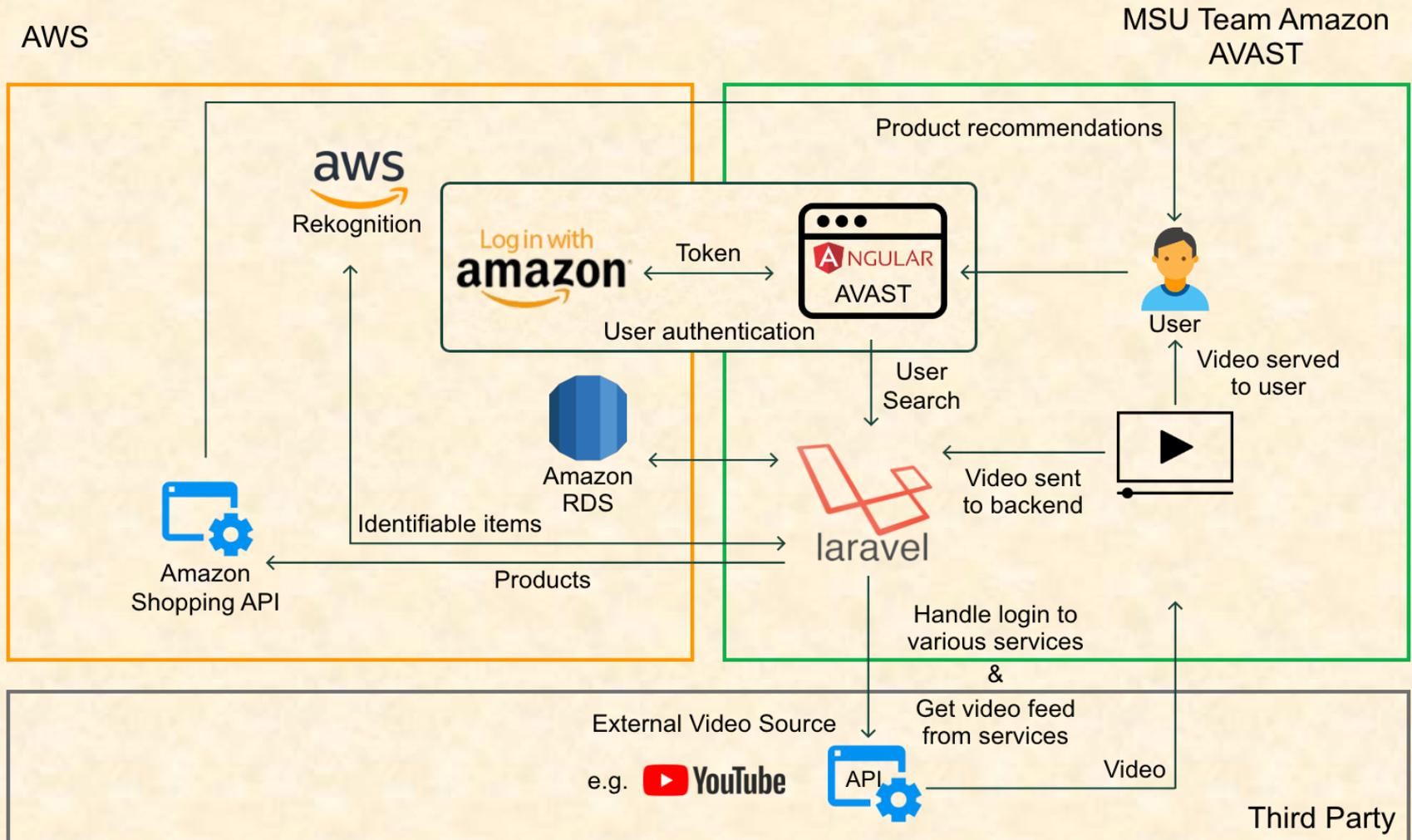
Fall 2018

Project Overview

- Allow users to search and stream videos from external sources (e.g. YouTube)
- Leverage user's interest in the items shown in their favorite movies and music videos
- Identify key items and people in the videos
- Find products related to the items and people presented in the video
- Display product information to allow users to quickly find and purchase products



System Architecture



What's left to do?

- Get products from Amazon Shopping API
- Display and update product feed as the video plays
- Integrate with additional video sources (other than YouTube)
- Save video analysis results to database to improve performance when another user clicks on the same video
- Create an AWS Lambda function to analyze trending videos everyday



Questions?

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