Alpha Presentation
3D Product Showcase Application

The Capstone Experience

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Project Overview

• Dow makes materials for consumer products.
• Dow markets their materials at trade shows using augmented reality.
• Each product requires a separate application.
• Our application provides a catalog for running any augmented reality experience.
• The application displays product and information about relevant Dow materials.
System Architecture

Microsoft Azure

Updates

Product Catalog

Gives access to Authenticator

Model select

Model generation

AR Model View

Android view

iOS view

User’s Device

Dow

Uploads to
Market Select
Product Select

AR Experiences

Shoe

Pillow Pouch
Augmented Reality View
Food Packaging

Silicone antifoams and defoaming agents – a safe and effective way of eliminating problem foam while decreasing food processing and maintenance costs, increasing capacity and production, complying with relevant dietary laws and regional regulations.

Tap anywhere to continue
What’s left to do?

- Optimize asset download and storage
- Allow for media in action points
- Document database and storage creation
- Implement screen shot capability
- Implement model editor
- Implement search
- Add hyperlinks to additional information
- Add additional examples to database
- Create form for updating database
Questions?