MICHIGAN STATE UNIVERSITY

Beta Presentation

Volkswagen Shopping App with Augmented Reality

The Capstone Experience

Team Volkswagen

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From Students... ...to Professionals

Project Overview

- Volkswagen Group of America, Inc. U.S. subsidiary of Volkswagen Group
- One of the world's top automakers Europe's largest
- AR app to streamline the car buying process
 - Empowers users to envision a VW vehicle at home and on the go
 - Personalize vehicles with customization options to be saved and viewed later
- Realistic models that fit in any environment
 - Photo/video capture
 - Share with friends and family

System Architecture



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Selection View

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Interior View



Customization View



Car Display View





Team Volkswagen Beta Presentation

What's left to do?

- Stretch Goals
 - Color customization with color wheel
 - Filter cars and accessories
 - Add more accessories/accessory types
 - Face ID login
 - Smoother movement of model preview
- Other Tasks
 - Improve app/admin panel UI
 - Bug fixes

Questions?

