MICHIGAN STATE
U N I V E R S I T Y

Beta Presentation
VW Car-Net Electric Vehicle
Route Planner
The Capstone Experience

Team Volkswagen

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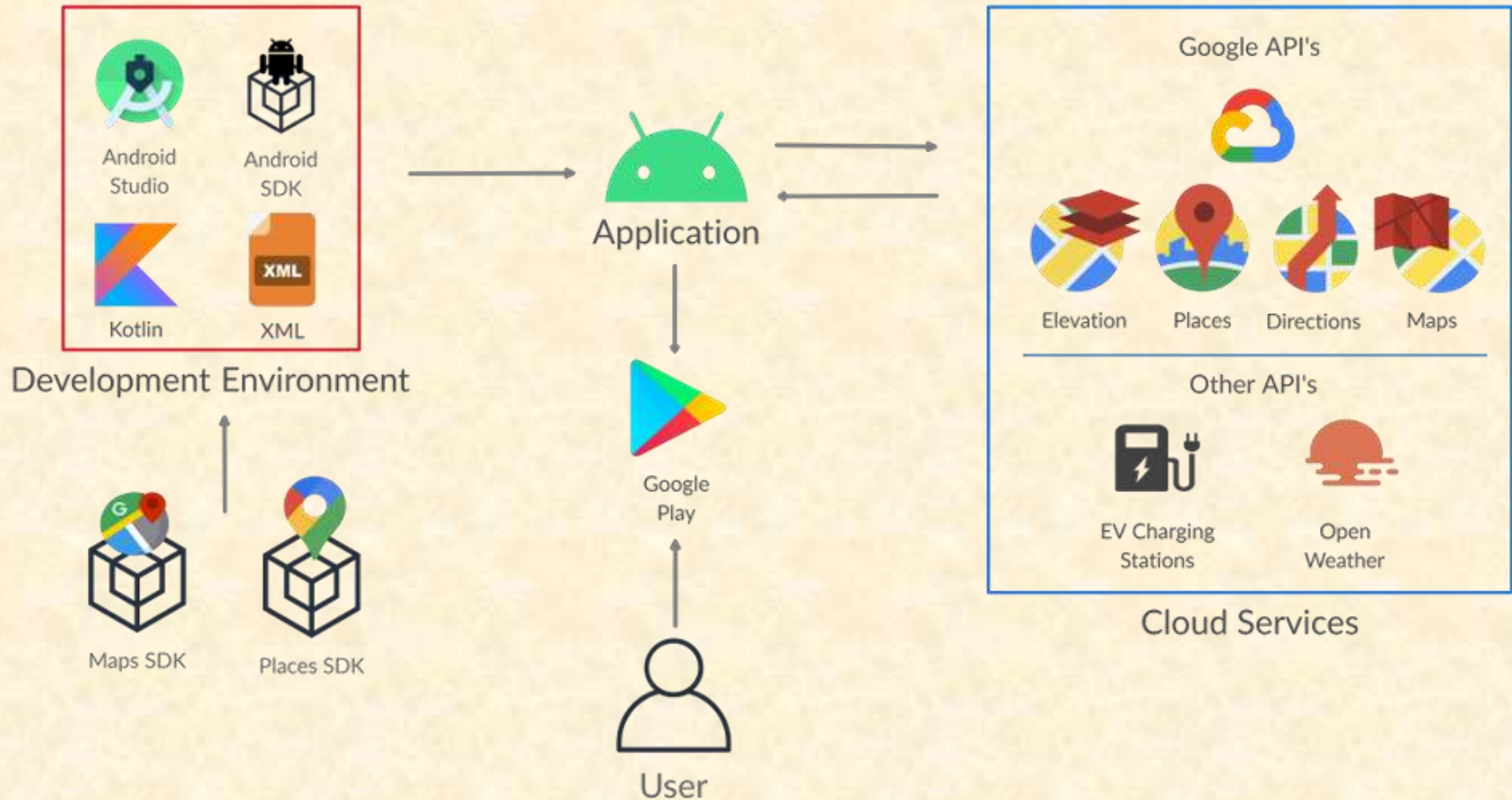Michigan State University
Fall 2020

From Students…
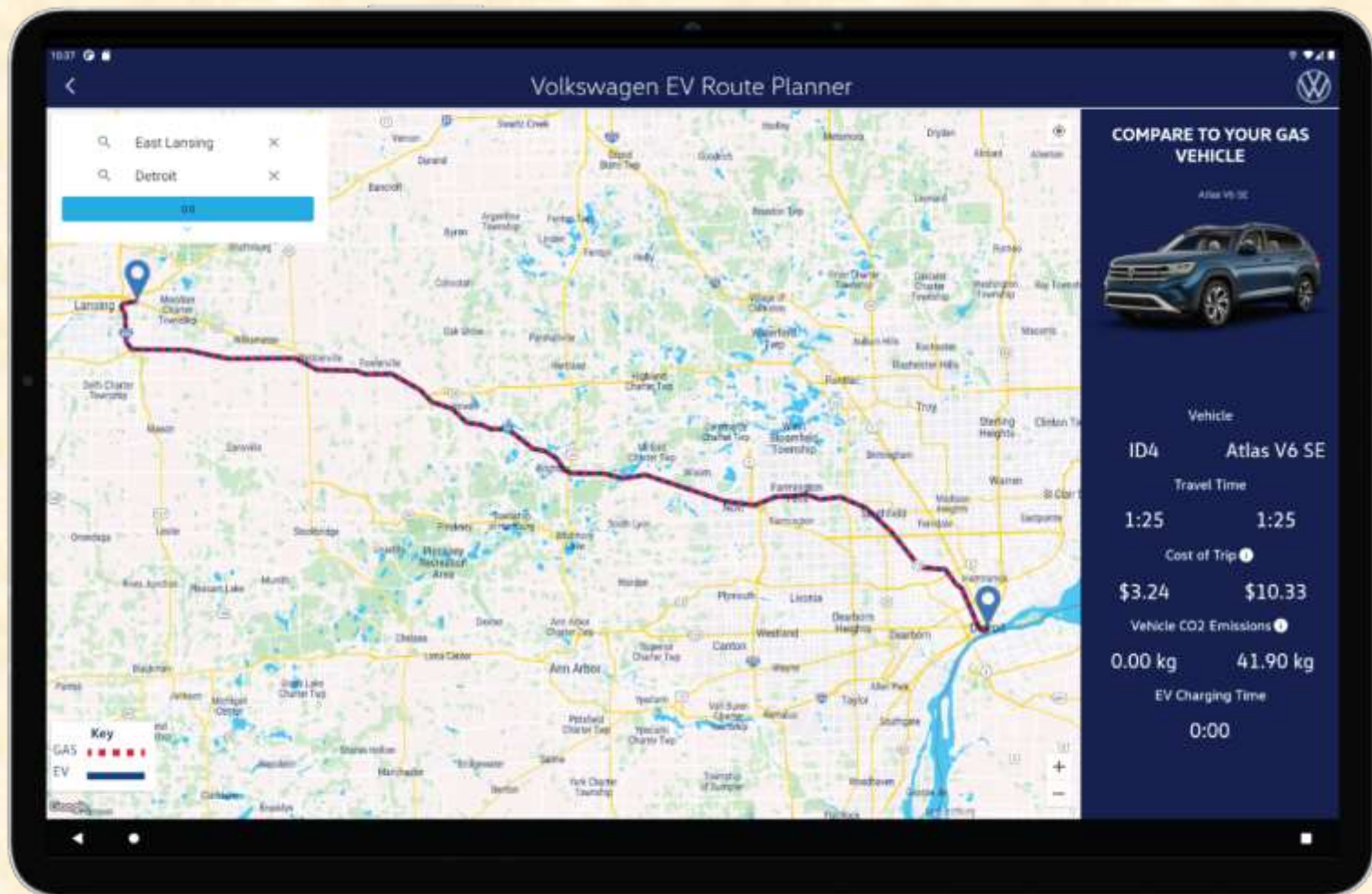   *…to Professionals*

Project Overview

- Android application designed to educate the consumer on the usability of electric vehicles in everyday life.

- Used by customers in VW Dealerships.

- By using the app, users will see:
  - Cost/Time comparisons between electric and gas cars.
  - Route differences between electric and gas cars.
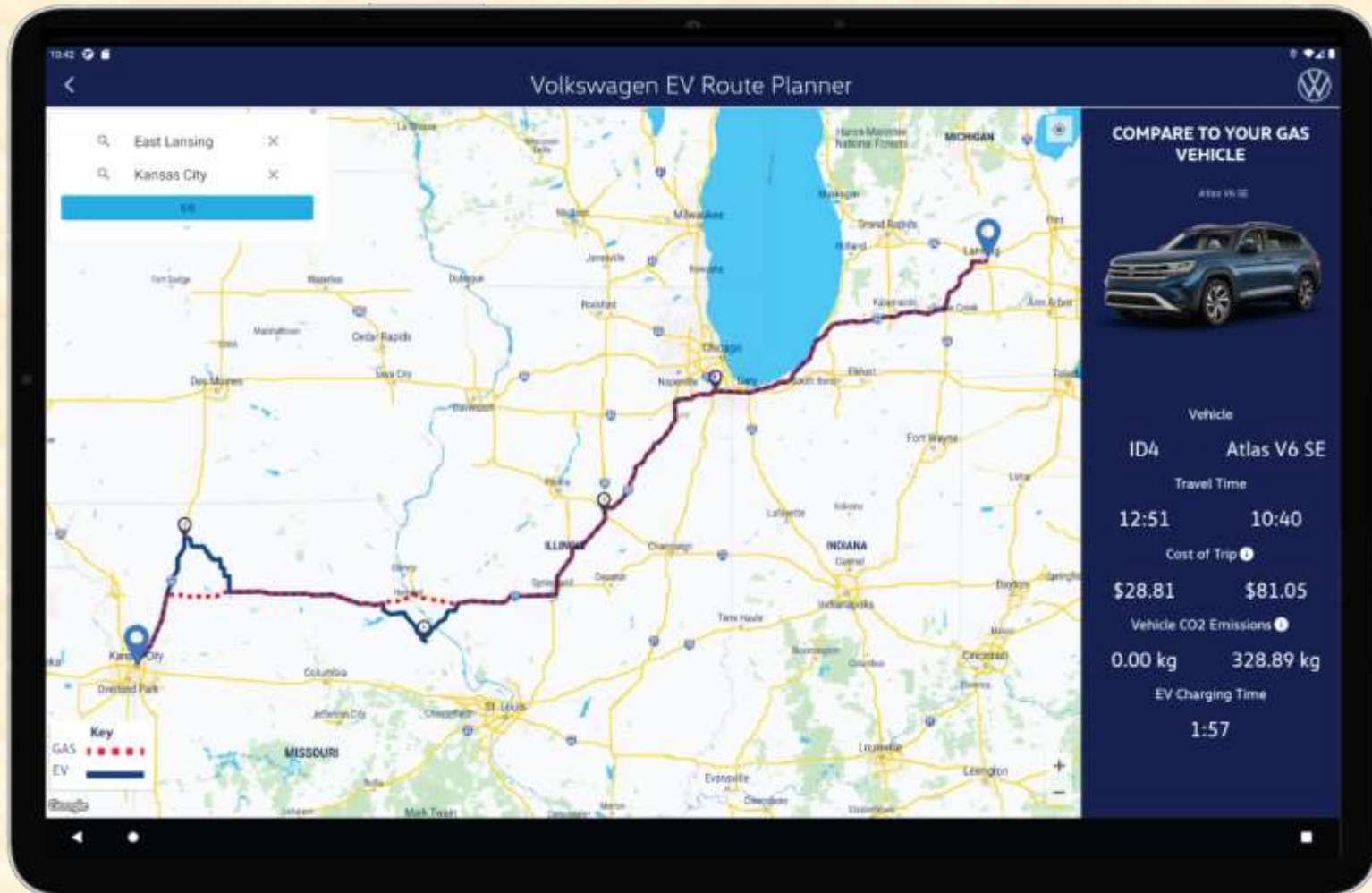 - How route conditions impact the ID4.
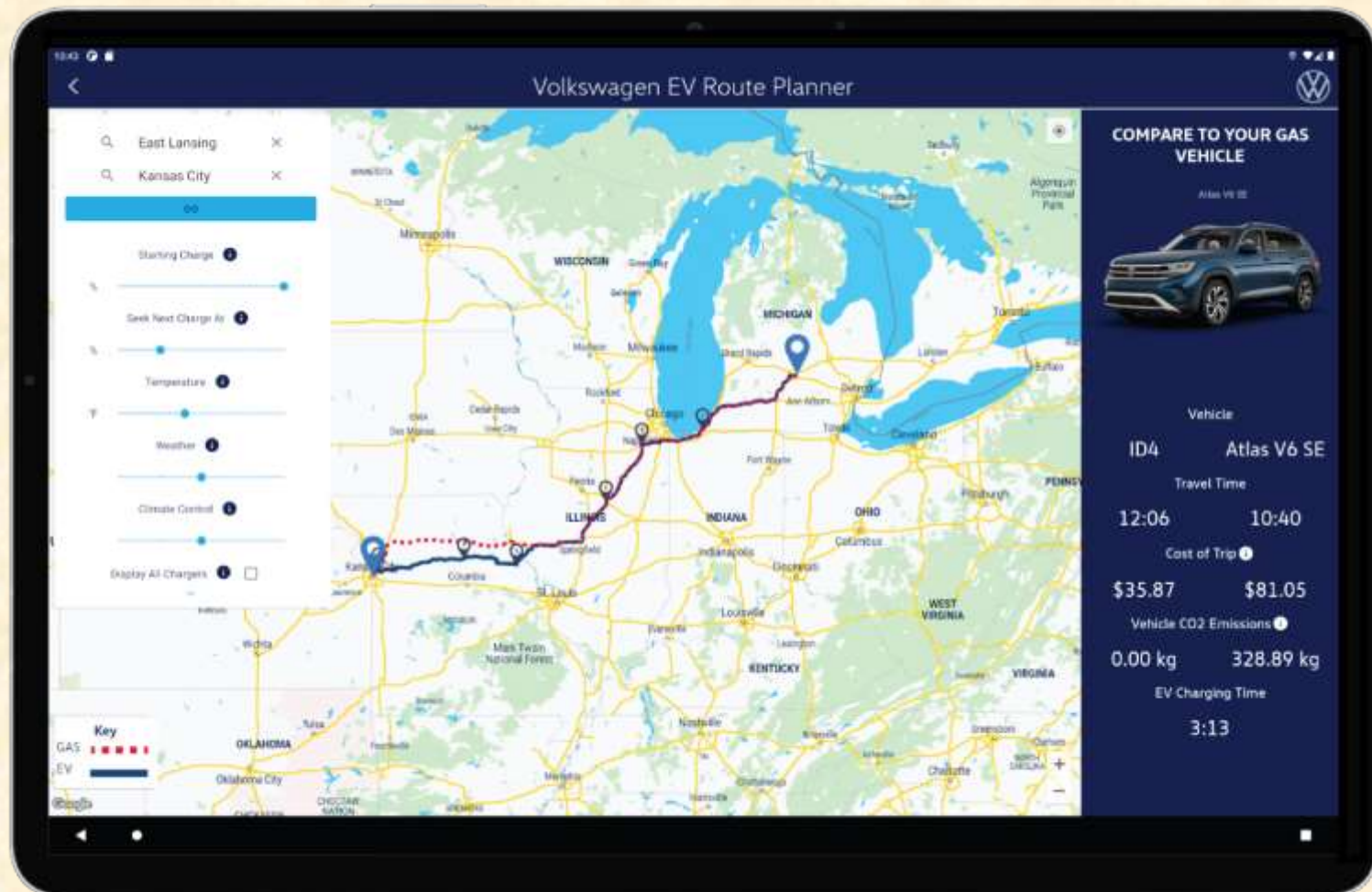
System Architecture

Route With No Charge Needed

Route With Recharging

View of Conditions Sliders

View of Display All Chargers Function

What's left to do?

- Final UI/ UX polishing

- Documentation for Volkswagen

- Final Round of User Testing

Questions?

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