



Beta Presentation

VW Car-Net EV Match Based Technology

The Capstone Experience

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

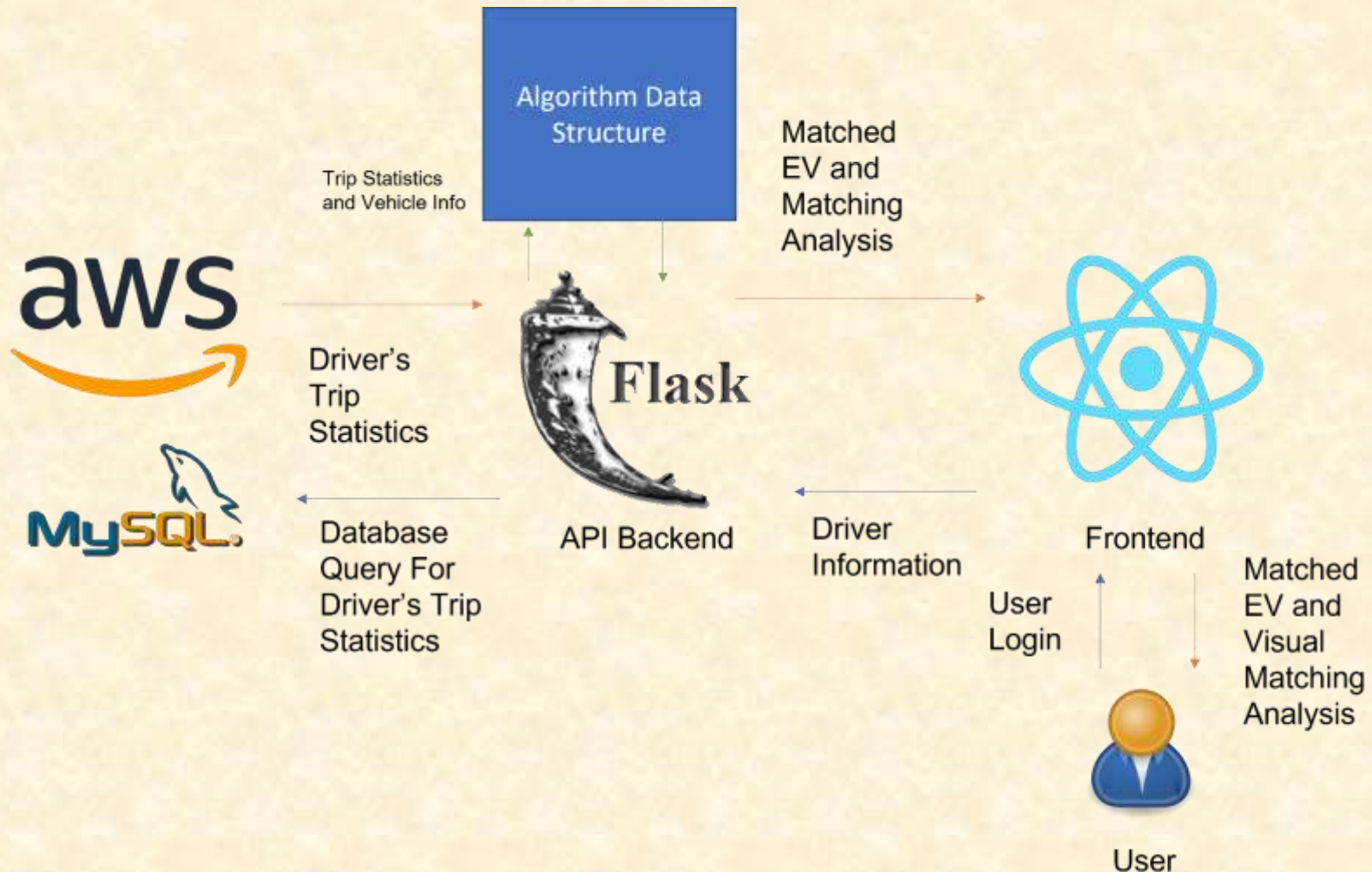
Fall 2022

Project Overview

- Volkswagen plans to lead the market in electric vehicle sales in the future
- Need a way to steer drivers away from common misconceptions
- Match drivers to a suitable electric vehicle
- Increase the sale of electric vehicles



System Architecture



Matching Algorithm Page

Distance Range: 275.00 mi - 372.00 mi
Average Distance: 323.98 mi
Distance Classification: above average

Temperature Range: 39.00°F - 54.00°F
Average Temperature: 46.41°F
Temperature Classification: below average

Average Elevation Change: 58.67 ft
Terrain Classification: below average

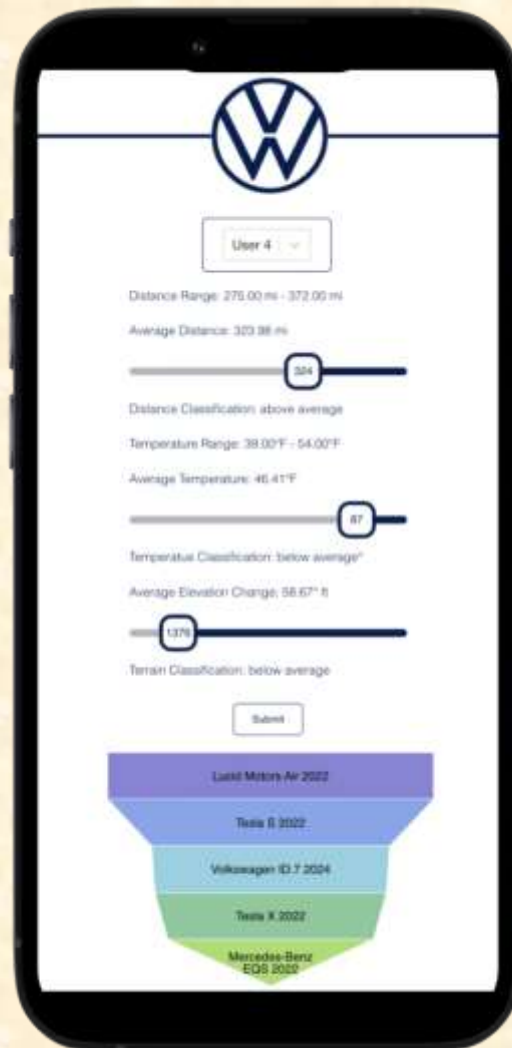
Open Match Car Details

Lucid Motors Air 2022
Tesla S 2022
Volkswagen ID.7 2024
Tesla X 2022
Mercedes-Benz EQS 2022

Submit



Matching Algorithm Page IOS



Matching Algorithm Page Android



Add Vehicle Page

Chrome File Edit View History Bookmarks Profiles Tab Window Help

React App

localhost:3000

Thu Nov 10 8:47 PM

VW

Make

Volkswagen

Model

ID.7

Year

2022

Range

350

Horsepower

800

Seats

5

Type

Sedan

Add Car

Select...

- Volvo XC40 Recharge
- Volkswagen ID.4
- Volkswagen ID.7
- Vivaro E life
- Volkswagen ID.Buzz
- Ford F150 Lightning
- Ford F150



What's left to do?

- Stretch Goals
 - Refine sorting algorithm
 - Refine user interface
- Other Tasks
 - Make application an executable
 - Add input validation and error handling

Questions?

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