

Honda Research & Development “Connected Vehicle” Challenge

Background

This Connected Vehicles (CV) concept is moving rapidly from the experimental phase into real-world deployments in New York City, Tampa, Florida, Wyoming and in our very own Central Ohio area (Smart Corridor – US 33). As this technology develops and spreads, the public will realize safety, mobility and environmental benefits immediately improving daily lives. With this momentum, is an increased need to provide “Digital Services” to the drivers and passengers before, during and after their trips enabling and expanding their life’s potential thus leading to the joy & freedom of mobility.

Challenge

Develop a web or mobile app to address the need of “Digital Services” to drivers and passengers in context to making their **commute “Safer”, “Efficient (Money or Time Savings)” and/or “Greener”**. Some examples of digital services are (but not limited to): Bill payments, Daily chore reminders & related actions, travel features & planning, discounts, Safe driving coaching, Environmental awareness & related action etc. As you develop the solution, we would like you to think about how you would make the “user” comfortable sharing their data(Personal, Vehicle etc.) and integrate this service with minimal friction into their daily life to provide the benefit of your service.

What will we provide?

- AWS Cloud Services [At the event, we will provide access to AWS services on Honda’s Cloud Platform for development & deployment activity to the teams working on this challenge]
- Datasets collected from Honda’s “Connected Vehicle” Fleet
- Software Engineering Experts
- Data Experts

Prize

\$1000 for the team that wins (Team: 4 members)

Judging Criteria

- Customer Impact
- Society & Community Impact
- How well does the solution address the challenge or problem?
- Innovation & Creativity
- Does the solution bring new ideas & approaches to solving the problem?
- Completeness of the solution?
- Is the solution built? Does it work?
- Is there a roadmap for future enhancements and features?
- Is the solution well designed?
- Methods applied to build Customer “Trust”
- Methods applied to easily integrate service into Customer’s daily life
- Customer feedback

Useful Resources

https://www.its.dot.gov/cv_basics/cv_basics_what.htm

https://www.its.dot.gov/research_areas/WhitePaper_connected_vehicle.htm