BYU | CIVIL & ENVIRONMENTAL ENGINEERING

IRA A. FULTON COLLEGE

CAPSTONE

Project Status Report: CEEn-2018CPST-015

Team Members: Nate Lant, Byron Yates, Matt Strong, Cody Irons

Project Title: UTA WAV On-Demand Pilot

1) Summary of technical/non-technical challenges encountered

- Dr. McFarland suggested we make an appealing case for Lyft to want to share as much (and as raw) of data as possible with us for our project, and future research.
- It was hard to find articles showing where TNC's (Lyft specifically) shared data with universities

2) Team approaches & resolutions to overcome challenges

• Each team member will find two cases where a private company (i.e. Lyft, Uber, or any other organization) has shared data with a university or used the university to store data in their joint research.

Report Date: Feb-4-2019

- Dr. Macfarlane plans to draft the proposal, but has asked the team to find cases with him.
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3) Status of challenge resolutions & potential project impact

- Delegating shared data research out to each group member, in order to collaborate with UTA and Dr. Macfarlane
- Made easy-to-access google doc in order to share the data found by each group member
- The team will collaborate of all cases of sharing data to chose the "two best cases" for Dr. Macfarlane to include in his proposal.

4) Project status & summary

- UTA is in the contract process with UDDC and the independent contracted drivers.
- UTA has not scheduled the executive presentation, and will probably use the UDDC templates. UTA was appreciative of the information compiled in the first draft presentation we compiled.
- This week the phone call was cancelled.
- The team is working with Dr. Macfarlane to draft a proposal for BYU to store data from Lyft during the pilot and for future research.

Please enter # of hours spent on project this last week for each team member in the order listed above

2/11/2019 Member #1: 1.5 Member #2: 2 Member #1: 1 Member #2: 1