ElecTrip Brief

Mandeep Patel, CEO
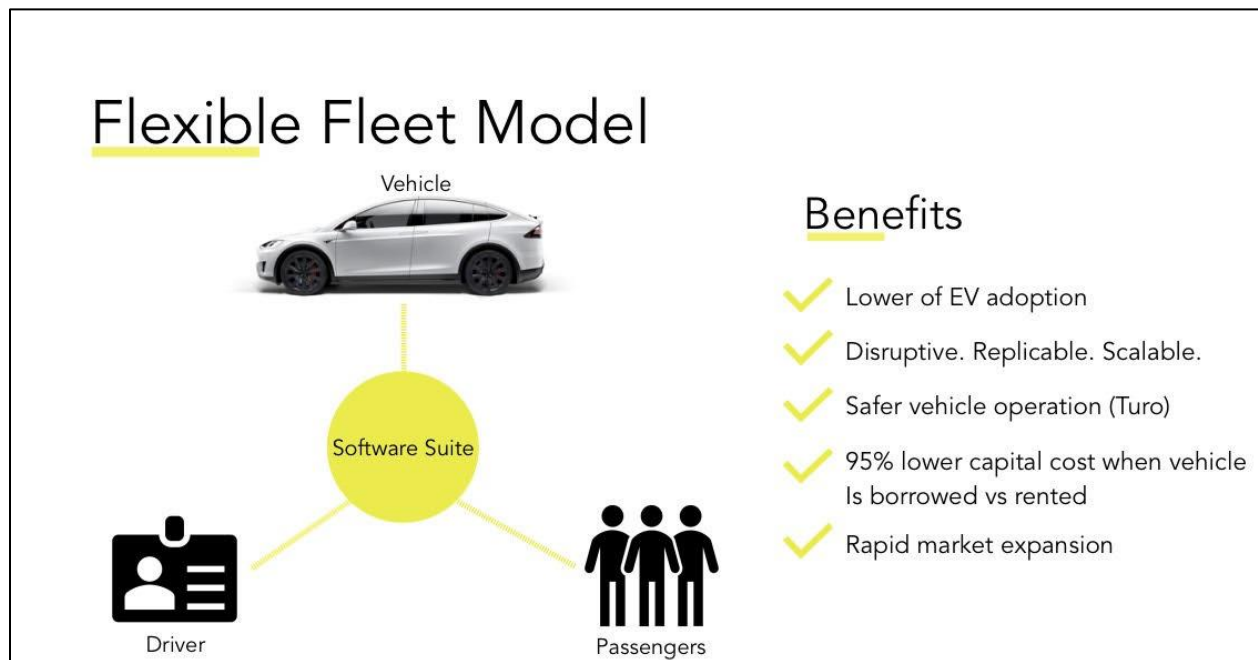Eliott Lee, Focal Point

Who are we?

ElecTrip is a city-to-city transportation service using electric vehicles. We offer customers the ability to ride in style for their corporate or personal travel journeys between Texas cities – customers are picked up at their door in a Tesla and chauffeured to their destination. With ElecTrip, individuals can avoid the hassle of airport security while enjoying a distraction-free trip with complimentary Wi-Fi and amenities. Our motto is "City to city, more sustainably."

What are we building?

ElecTrip is looking to develop a new software suite that incorporates our flexible fleet model. We have seen success with models like Uber and Turo, and ElecTrip seeks to combine these concepts to create a new booking application for our business.

Our ElecTrip app should match Tesla vehicle owners with drivers and riders – this three-way matching system can be seen above. We intend to 1) allow owners to put their vehicle up for short-term use on our platform, 2) let passengers reserve tickets for days that they intend to travel, and 3) let drivers sign up to complete rides between cities.

Skills

Students can build this application with a web language and later transition to a mobile app in order to achieve at least a web-based MVP prior to the end of the semester, or students can employ tools such as Apache Cordova, React Native, flux, deploying web views, or native-specific builds.

Other skills include: Javascript; database modeling, trending, and visualization; developing backend logic with existing APIs, and building a front-end.

Team Size and Location

We will need a team of 3-4 students to work remotely to complete this project – no travel is required for this project.

Contact Info

To learn more about this opportunity and any internship opportunities, contact mandeeppatel@utexas.edu or eliottlee@utexas.edu or visit www.electrip.us