Course name: Human Computer Interaction

Assignment no.: 5

Title: HCI Ideas for Future Transportation

Subtopic 1. HCI in Transportation

What issues?	Your ideas to satisfy their needs	Detailed INTERACTION methods for the idea
more fun traveling	It's important to see each other's faces for fun. It's self-driving, so you don't have to look ahead. You can turn around the driver in front of you to accomplish your goal.	There's only so much fun you can have watching each other's backs. Whether you're having a face-to-face conversation or playing a game together, rock, paper, scissors, or whatever, it's important to see each other. The chair can be adjusted to swivel and move in 360 degrees.
work in a car	A car is a computer, but it's about putting the PCs we use every day into a car.	Put your PC in the car so you can do what you need to do on the job. It also has Wi-Fi so you can stay connected while you're on the go.
car as an entertaining place	The idea is to copy the interior of the vehicle to a completely different location. For example, a movie theater or a board game cafe.	Level-5 Self-driving cars don't need a front window. You can turn it into a movie theater by using the window as a movie screen. When moving, soundproofing changes the space like a soundproof booth. You can put a bunch of board games together and play them on the floor without chairs, with

		instructions. You can use it for other entertainment as well.

Subtopic 2. Need HCI ideas for future transportations and personal flights (or UAM)

Technology is advancing so fast right now that we are seeing rapid advancements in cars and transportation. There are many scenarios for future transportation, such as self-driving cars, self-driving delivery services, and personal flights, but the detailed interface design and HCI are not yet ready. We propose HCI ideas for future cars and related software systems for public transportation as well as personal vehicles.

Voice and gesture control and personalized interfaces are a good place to start if you want to improve interaction with your current interface. Future vehicles may be equipped with voice and gesture controls that allow drivers to interact with in-car systems without taking their hands off the wheel. For example, drivers could use voice commands or hand gestures to adjust the temperature, play music, and make phone calls. The vehicle can be designed with a personalized interface that adapts to the driver's preferences and driving style. For example, the vehicle may adjust seat and mirror settings based on the driver's height and weight, or the vehicle's infotainment system may suggest music playlists based on the driver's listening history.

The transportation of the future is expected to become more innovative and diverse as technology advances. These new modes of transportation will have different characteristics than traditional modes of transportation, requiring HCI to ensure safety, to improve user experience, for user-centered design, and for human-machine interaction. It would be nice to use HCI to connect all the cars and public transportation and make one big software system. It would be nice to use HCI to connect all the cars and public transportation and make one big software system. First, every vehicle would send its location and destination to the system, which would then do the math to determine the shortest route. If you don't drive manually and you're on a subway, you want to arrive on time and be more reliable. It can force a distance between cars.

In conclusion, technology is changing transportation as we know it. With new ideas for future transportation like self-driving cars and personal flights, we need to make sure the interface is easy to use and safe. Voice and gesture control and personalized interfaces are a

good start to make our transportation experience better. We can use HCI to connect all the cars and public transportation to create a software system that can help us arrive on time and be more reliable.