

Overview of the project

Have you ever found your journey more joyous than the destination? Well, of course, if you have chosen an Electric vehicle specially designed to offer drivers a smooth and seamless experience. Speaking of a flawless driving experience, we would like you to know how we at DRC Systems helped our client create software in the form of an Android tablet that manages to allow the driver to drive safely and intimates him or her about the exact condition of the vehicle.

Basically, our client wanted us to create a seamless Android tablet for the drivers to know every detail about their vehicle, and here's how it started:

Technology Stack



WORK ON
Android 10

How DRC Systems Successfully created foolproof software for the electric vehicle that helped drivers notably?

Requirements of our client

Our client wanted us to design software in the form of an Android tablet that helps users with flawless parking assistance so he or she does not find any trouble while parking their vehicle.

Yet another feature that our client wanted us to integrate is the out-and-out demonstration of navigation. Users should be assisted with proper navigation so that they can reach their destination feasibly.

Challenges

- + When the driver drives an electric vehicle, he or she must be notified immediately about every minor or major status of the vehicle such as the low battery, and other trivial damage that might cause in a vehicle; updating the driver with real-time information by avoiding latency was one of the biggest challenges for us.
- + As the software is built in the form of an Android tablet, the UI of the same has to be created with pixel-perfect high-resolution animation. So, the part of UI/UX and animation was something in which we worked our guts out.
- + Yet another challenge was to maintain different integrations seamlessly with hardware like notifying drivers about the engine's status and integrating the speedometer, GPS, and battery life. All of these notifications had to be received by drivers on the basis of real-time data. So, implementing multiple integrations with hardware was quite a painstaking task.



Lack Of Digital Platform

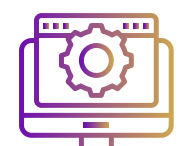


Complete Manual Process



High Administrative Costs

Solutions



Digital Platform For Customers

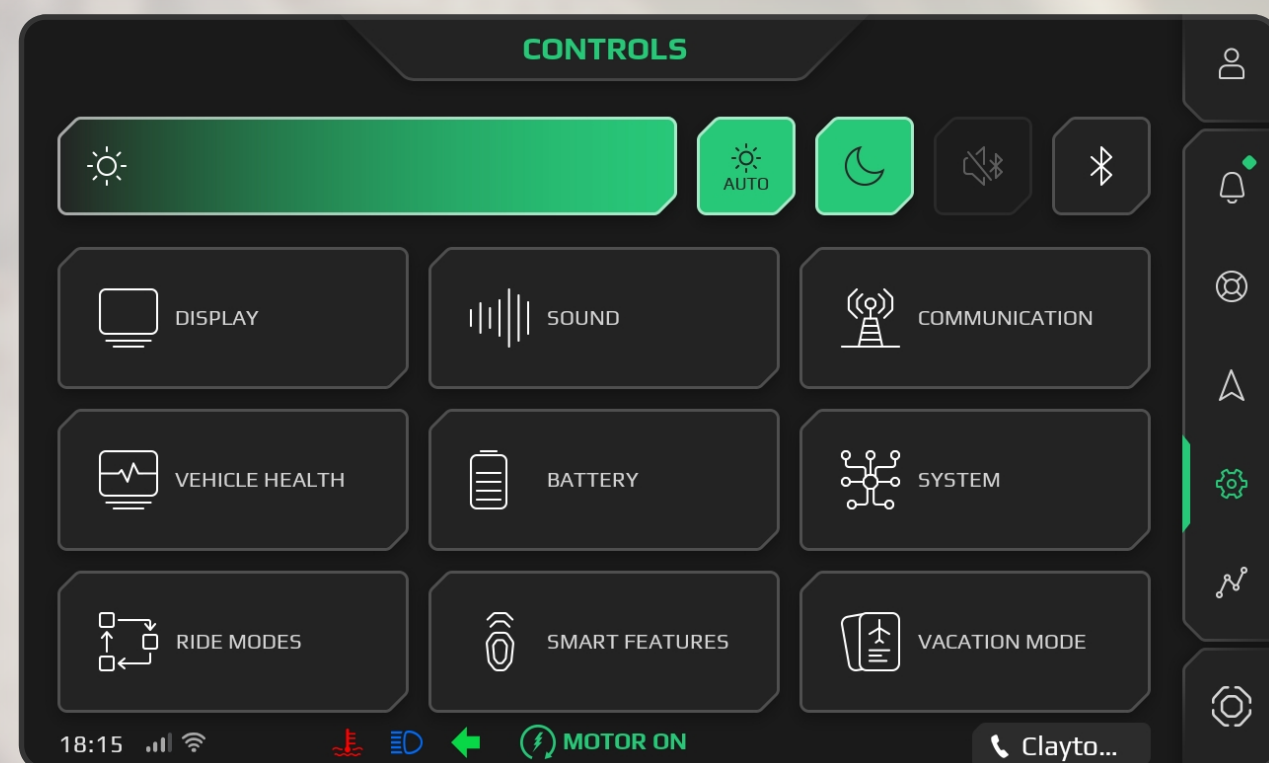
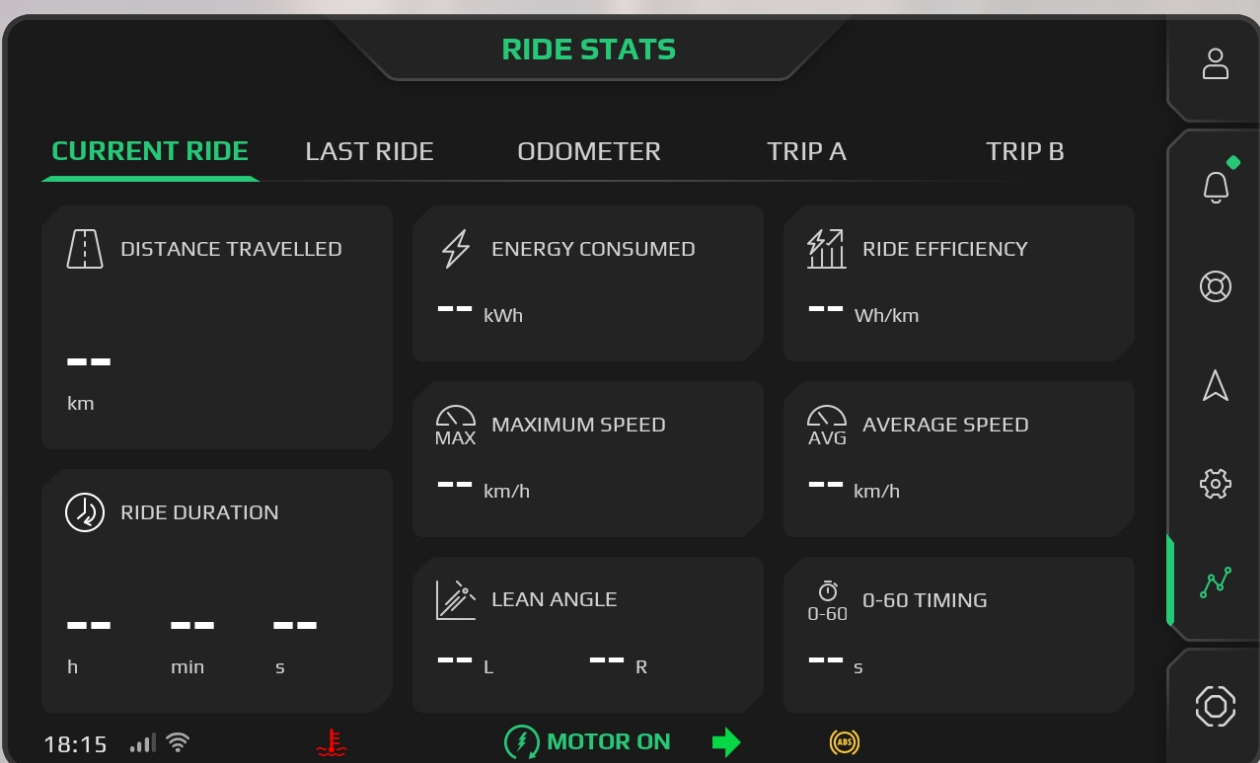
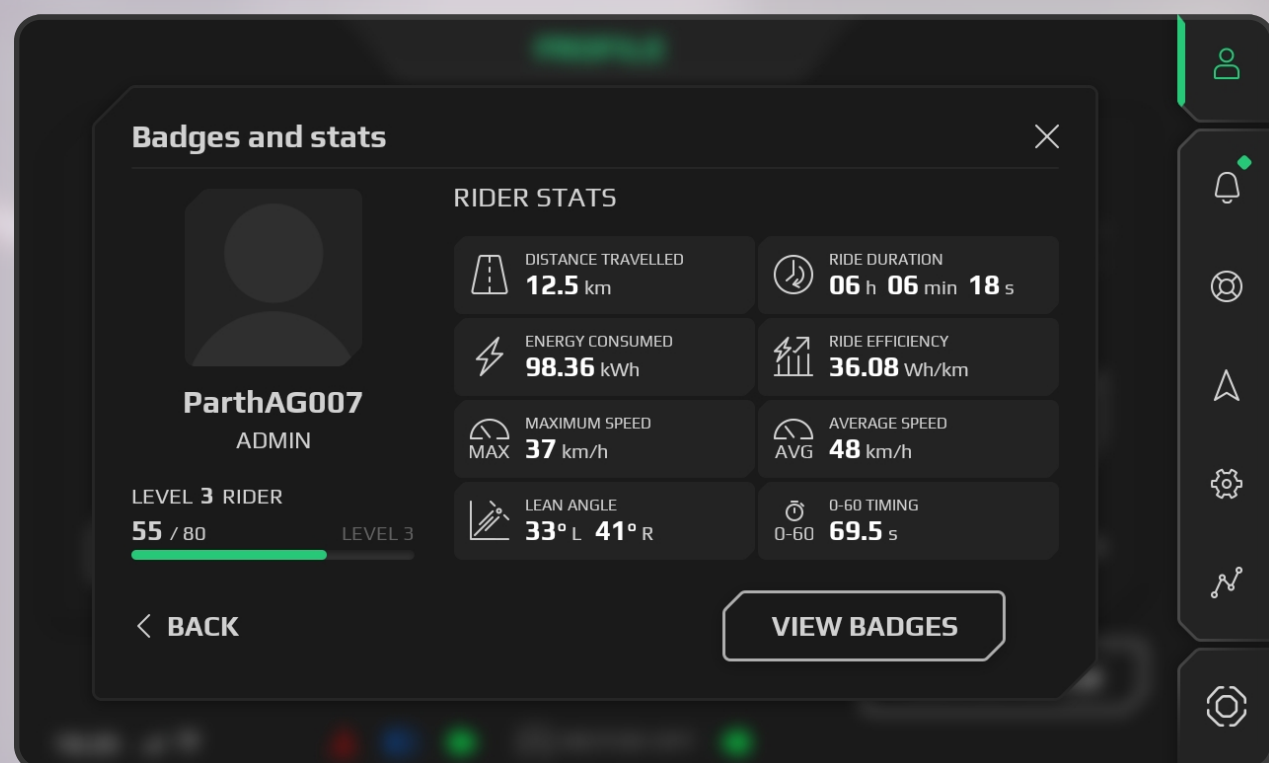
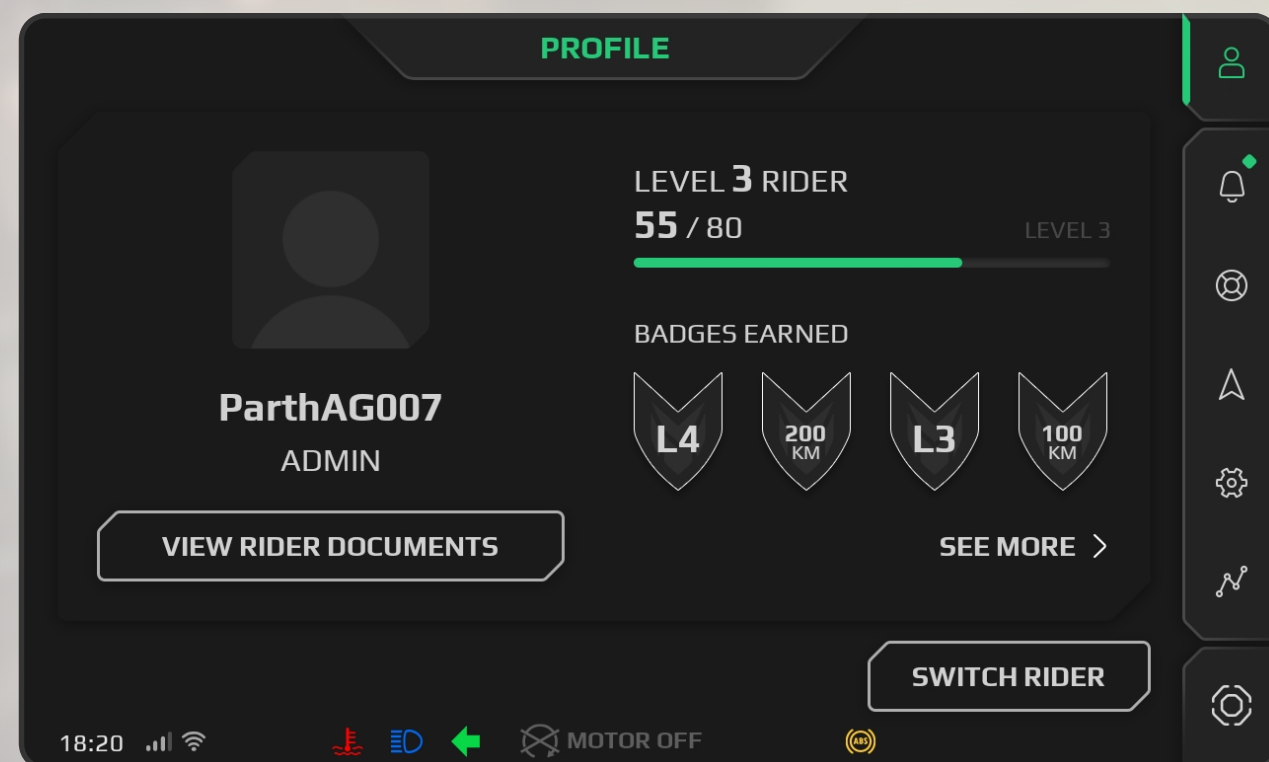
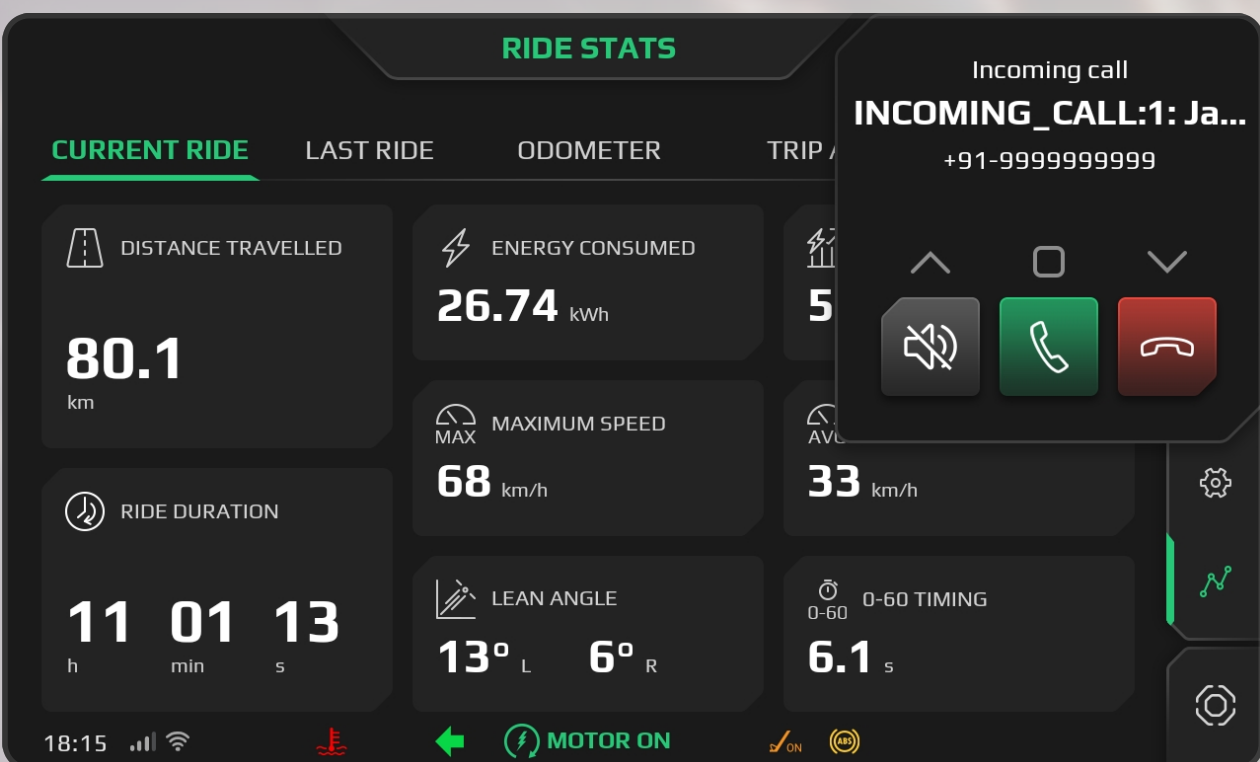
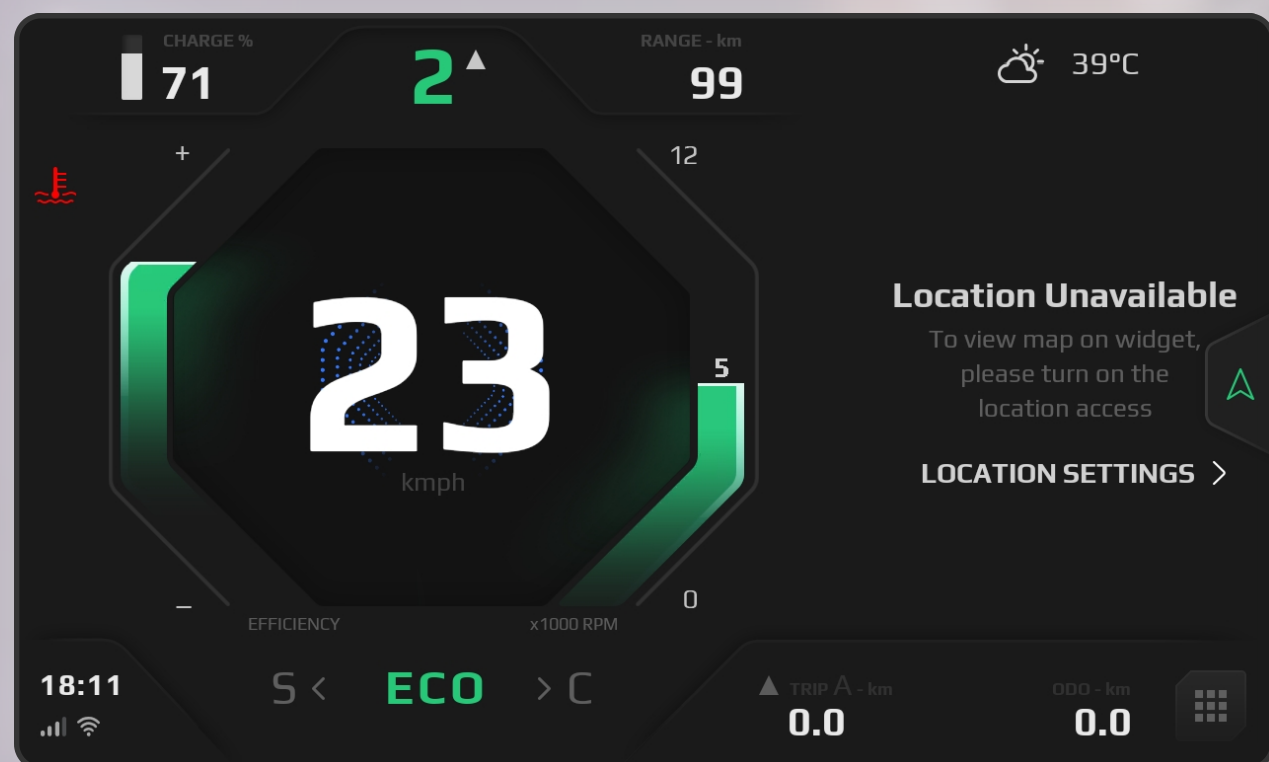
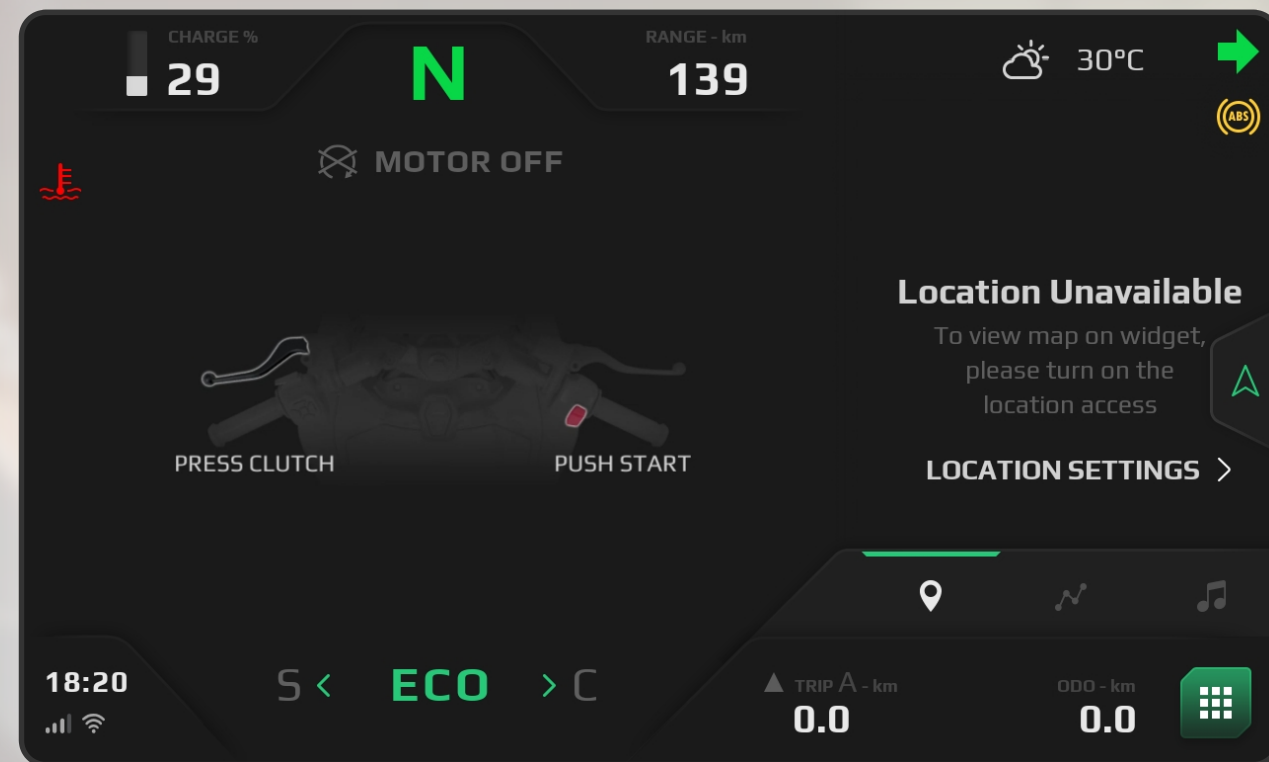
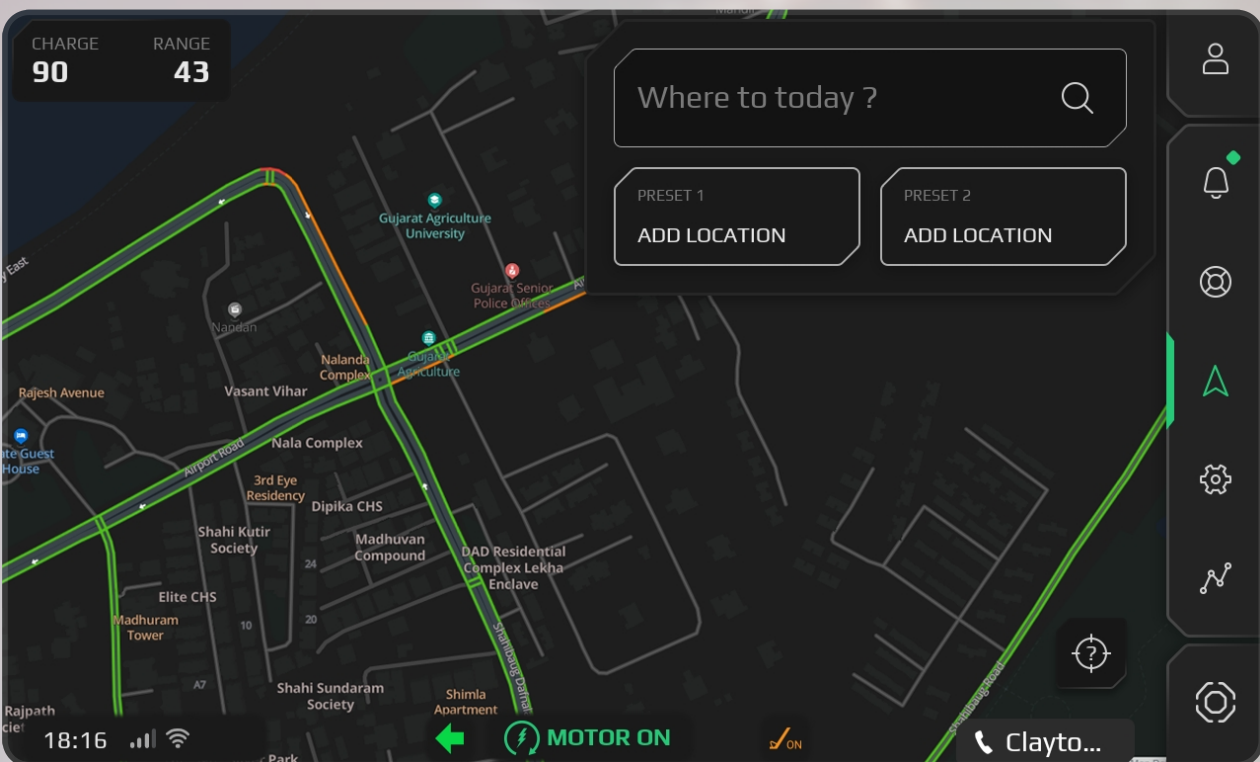
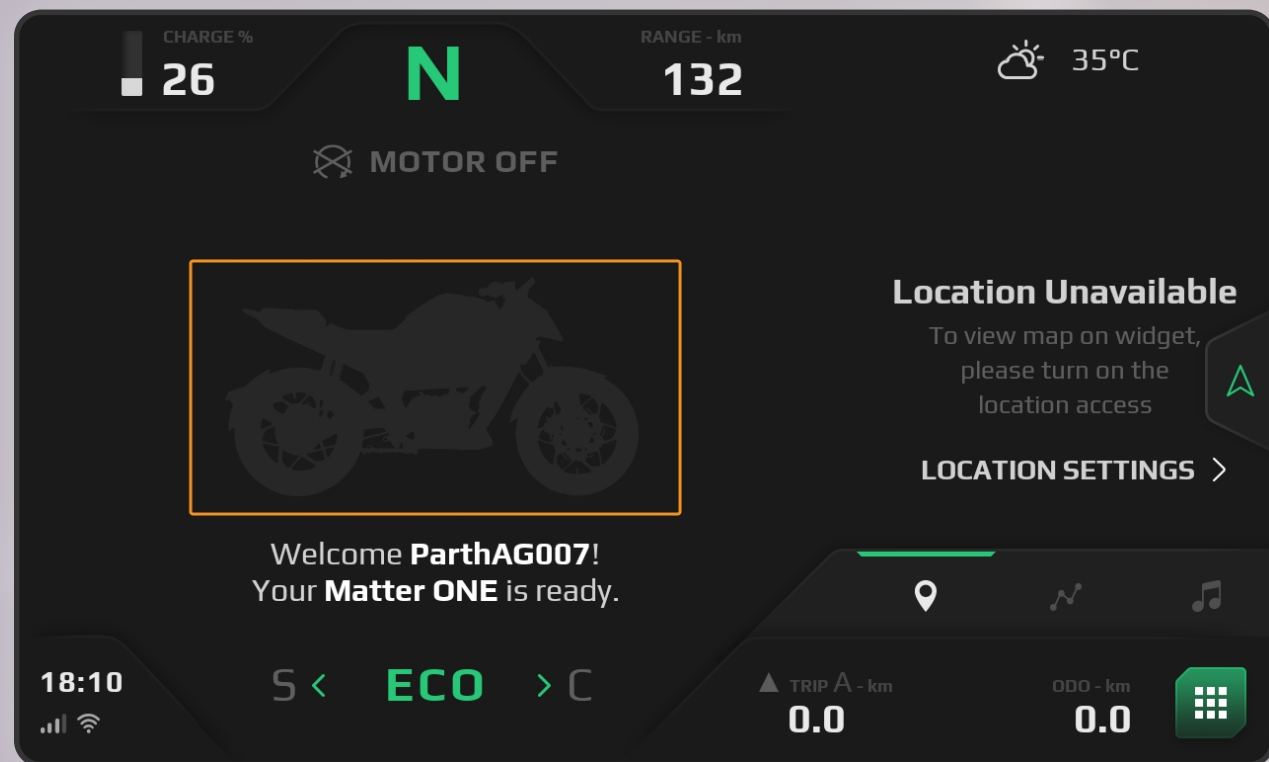


Online Payment Integration



Seamless Process

- + As our client wanted us to create a foolproof parking assistance feature, we successfully integrated the feature of flawless parking guidance for the drivers.
- + We also implemented the feature of simple and succinct navigation feature that a driver can easily get a hang of. Our client wanted us to create no-complex navigation so that drivers don't get disorientated while finding the right direction to reach their destination.
- + We successfully created an appealing and easy-to-understand UI of the tablet device so drivers don't find any trouble understanding the real-time information the software provides in the form of graphics.



Optimize Your Processes

Streamline your business operations with our tailor-made software. Optimize your processes for maximum efficiency. Reach us at info@drcsystems.com to discuss your project details.

