

Design and Development of EV Tricycle Cart

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Abstract: *This project aims to revolutionize the working conditions of street vendors by introducing an innovative electric tricycle cart solution. Our electric tricycle cart, designed with the vendor's comfort and efficiency in mind, significantly reduces physical strain and improves overall productivity. By integrating a powerful electric motor and a long-lasting battery our tricycle cart effortlessly tackles challenging terrains and heavy loads, allowing vendors to cover greater distances and transport larger quantities of goods. The ergonomic design of the tricycle cart ensures optimal comfort during extended use, minimizing fatigue and maximizing efficiency. Additionally, the quiet operation of the electric motor creates a more pleasant working environment, reducing noise pollution and enhancing customer interaction. By adopting this sustainable and user-friendly technology, street vendors can enhance their livelihoods, increase their earnings, and contribute to a more vibrant and inclusive urban economy. Our electric tricycle cart empowers vendors to work with greater ease, dignity, and success, ultimately improving their quality of life.*

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