Abstract

The proposed app/website is a comprehensive platform for buying and selling spare parts for bikes and cars, designed to meet the growing demand for easy access to high-quality automotive components. This platform will provide a seamless user experience, enabling customers to browse, search, and purchase spare parts from a wide range of verified vendors. Key features include real-time inventory tracking, part compatibility checks, secure payment options, and swift delivery services.

For vendors, the platform offers tools to list products, manage inventory, track orders, and engage with customers. Additionally, advanced search filters, such as vehicle make, model, and year, will ensure users find the exact part they need. With an intuitive interface and a focus on reliability and transparency, this solution aims to revolutionize the spare parts industry by bridging the gap between suppliers and customers while enhancing the overall efficiency of the supply chain.

Modules

1. **User Module**

   create accounts, search for spare parts using advanced filters (vehicle make, model, and year), check part compatibility, and place orders.

2. **Seller Module**

   Allows sellers to register, list their spare parts, manage inventory, and monitor sales performance through detailed dashboards

3.**Admin Module**

   Enables administrators to oversee platform operations, including user and seller account management, inventory validation, and order monitoring.