**Introduction**

In today's fast-paced world, convenience is key. Green Wash brings car washing services to your doorstep, saving you time and effort. Whether at home, work, or any location of your choice, Green Wash ensures a premium car wash experience with just a few taps on your smartphone. The app offers flexible scheduling, multiple wash packages, and seamless payment options, making car care easier than ever.

**Client Requirement**

With rising incomes and shifting consumer preferences, more individuals are opting for sedans and SUVs, increasing the demand for professional car wash services. Recognizing the untapped potential in this segment, Green Carwash partnered with Hyperlink Info System to develop an intuitive mobile application that connects customers with professional car washers in their vicinity. The primary goal was to cater to the growing demand for high-quality car care by offering an efficient, user-friendly, and time-saving solution. Designed for the U.S. market, the app is available on both Android and iOS platforms.

**Key Features**

**For Customers:**

* **Seamless Registration:** Users can sign up easily using their email or Facebook credentials.
* **Vehicle & Payment Management:** Customers can add multiple car details, including images, and securely store payment information.
* **On-Demand Car Wash:** Users can instantly book a car wash by selecting their vehicle, wash package, and additional add-ons.
* **Scheduled Car Wash:** The app enables users to pre-book a car wash for a future date and time. If a washer does not acknowledge the request, the system assigns a washer automatically.
* **Secure Payment Gateway:** Integrated with Braintree Payment Gateway for hassle-free debit/credit card transactions.
* **Order Tracking & Notifications:** Customers receive real-time updates when a washer accepts or starts a job, completes the service, and when a receipt is generated.
* **Ratings & Reviews:** Customers can rate and review washers, ensuring transparency and service quality.
* **Digital Receipts:** Upon completion, users receive a receipt with an image of their cleaned car, details of the wash package, and any extra services availed.
* **Order History:** Customers can track both ongoing and past orders for reference and re-booking convenience.
* **Leaderboard:** A unique feature that rewards customers who help save the most water through efficient washing methods.

**For Car Washers:**

* **Effortless Login:** Washers can log in using their email or Facebook credentials.
* **Service Requests:** Washers receive requests with customer details and can accept or decline based on availability.
* **Navigation Assistance:** Integrated Google Maps helps washers locate customers easily.
* **Invoice Generation:** Washers can generate and send invoices to customers, complete with an after-wash image.
* **Ratings & Reviews:** Washers can provide feedback about customers and view their own ratings to enhance service credibility.
* **Real-Time Notifications:** Washers receive alerts for new orders, cancellations, scheduled washes, and payment confirmations.
* **Order Management:** Washers can track pending, in-progress, and completed jobs for better workflow management.

**Admin Panel:**

* **Customer & Washer Management:** Admins can activate/deactivate users, manage washer profiles, and view customer feedback.
* **Order Supervision:** The panel provides insights into all ongoing, completed, and cancelled orders.
* **Reporting & Analytics:** Admins can generate reports based on service type, washer performance, customer engagement, and transaction history.
* **Leaderboard Monitoring:** Displays top users contributing to water conservation efforts through eco-friendly car washes.

**Conclusion**

Green Wash successfully bridges the gap between car owners and professional washers, delivering a convenient, efficient, and eco-friendly solution. By leveraging technology, Green Wash transforms traditional car wash services into a seamless digital experience, ensuring customer satisfaction while creating business opportunities for service providers. The app not only enhances convenience but also promotes sustainable car washing practices, making it a game-changer in the industry.