Qoshcar Energy

Shaping the Future of Electric Vehicle Charging

We create an efficient, sustainable and accessible cross-platform system for city charging stations

astana hub

FAB LAB
Powered by NURIS

Existing Problems

Disparity of charging stations	Electric vehicle charging stations are scattered across cities, making them difficult to find and use.
Disadvantage of a centralized platform	The lack of a centralized platform for searching, booking and paying for charging stations creates inconvenience for electric vehicle owners
Low management efficiency	Existing solutions do not provide effective monitoring and management of charging stations, reducing their efficiency

Solution

Shanyraq

Mobile and Web App

- The Shanyraq project creates a centralized platform to connect all charging stations in the city, improving the accessibility and usability of electric vehicles, electro bus and micro mibility

- Shanyraq platform will allow you to search, book and pay for charging stations through one app, simplifying the process of charging electric vehicles

- The platform will provide monitoring and management of charging stations, optimizing resource use and improving service

Technology

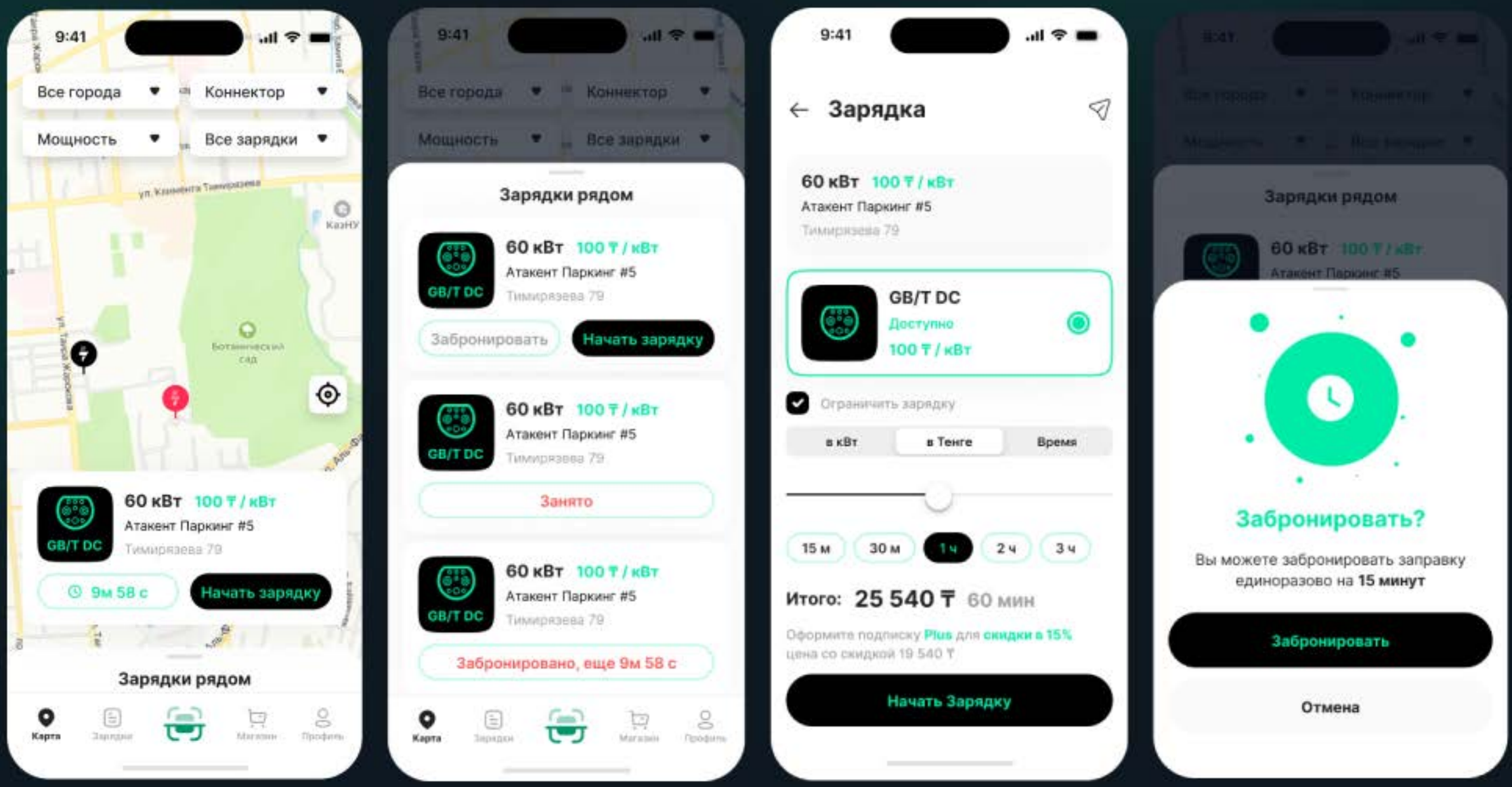
GreenTech

Smart City Direction

- Increasing energy efficiency
- Helping to reduce carbon emissions
- Focusing on the development and implementation of charging stations for EV, electro buses and electric scooters

Unified cross-platform system

Software



Hardware

Single-phase Charging Station, Shanyraq EVB-132

Technical Specifications:

Connection type: Single-phase (240V)
Charging power: up to 7 kW
Compatibility: Suitable for all types of electric vehicles
Safety: Complies with international safety standards IEC-61851
Management: Simple connection and use with Plug&Share, RFID card.

Advantages:

Slow charging: Ideal for overnight charging when the electric vehicle is not in use.
Reliability: High-quality and durable equipment.

Convenience: Easy installation in private homes, parking lots, or garages.

Application:

Optimal solution for private homeowners, providing a reliable and safe charging device for daily use of electric vehicles

Three-phase Charging Station, Shanyraq EVB-332

Technical Specifications:

Connection type: Three-phase (380-400V)

Charging power: up to 22 kW

Compatibility: Suitable for all types of electric vehicles.

Safety: Complies with international safety standards IEC-61851

Management: Use Plug&Share, also available via RFID card and QR code.

Application:

For Home: An ideal solution for electric vehicle owners, providing fast and efficient charging.

For Office: Suitable for installation in office building parking lots, providing employees with a convenient way to charge their cars.
Commercial Use: Perfect for business centers, shopping malls, restaurants, and other commercial properties, offering customers and visitors convenient access to electric vehicle charging.

Advantages:

Fast charging: High charging speed to minimize downtime.

Reliability: High-quality and durable equipment.

Convenience: Easy to use and manage through a mobile app.

Metal Stand for Charging Stations

Description:

Metal stand designed for the reliable and safe installation of charging stations.

Technical Specifications:

Material: High-quality steel, resistant to corrosion and external impacts.

Compatibility: Suitable for most models of charging stations.

Design: Stable and robust, ensuring secure mounting of the charging device.

Installation: Easy installation and fixation, adaptable to various operating conditions.

Advantages:

Versatility: Can be used for both home and commercial charging stations.

Durability: High resistance to physical stress and weather conditions. +40C to -40C

Application:

For Home, For Office, For Commercial Properties

Adapters

Description:

Adapters are designed to ensure compatibility between different types of charging station connectors and electric vehicles. They allow electric vehicle owners to use charging stations regardless of the type of connector

Technical Specifications:

Type 2 to GBT AC: allows the use of charging stations with a Type 2 connector to charge electric vehicles with a GBT AC connector.

GBT AC to Type 2: Allows the use of charging stations with a GBT AC connector to charge electric vehicles with a Type 2 connector.

Advantages:

Versatility: Ensure compatibility between different standards of charging stations and electric vehicles.

Convenience: Easy to connect and use.

Safety: Comply with all international safety standards.

Application:

For Electric Vehicle Owners: Allow the use of any available charging station regardless of the type of connector.

Qoshcar Energy X kScooters

A universal solution
for charging last-mile transportation:

- eMotor-bikes;
- Electric scooters;
- E-bikes.

5x less copper &
rare-earth metals;

Crafted to be
safe at street

2.5x less battery energy
consumption

Qoshcar Energy X kScooters

Intuitive acceleration & braking

Scooter weight 4.5 kg

Up to 25 km on charge

We guarantee quality and safety

Contacts:

qoshcar_energy +7 776 052 77 88 info@qoshcar.kz https://qoshcar.kz

Qazaqstan, Astana, International IT-hub "Astana Hub", #55/19 Mangilik El street