

EzParking

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Initial Idea

The objective of this project is to create a distributed parking sharing application that enables users to find and share parking spaces in urban areas with minimal reliance on centralized servers. The system fosters a community-driven approach to solving the challenge of:

- **finding** available parking,
- **reducing** traffic congestion and environmental impact,
- **promoting** collaboration among users.

By leveraging a distributed architecture, the application ensures **scalability**, **reliability**, and **privacy**.





User Stories

Account Managment

Resident Functionalities

Parking Search and Driver's functionalities

Booking and Payment Systems

Notification System

Reputation and Rating Systems

Admin Functionalities