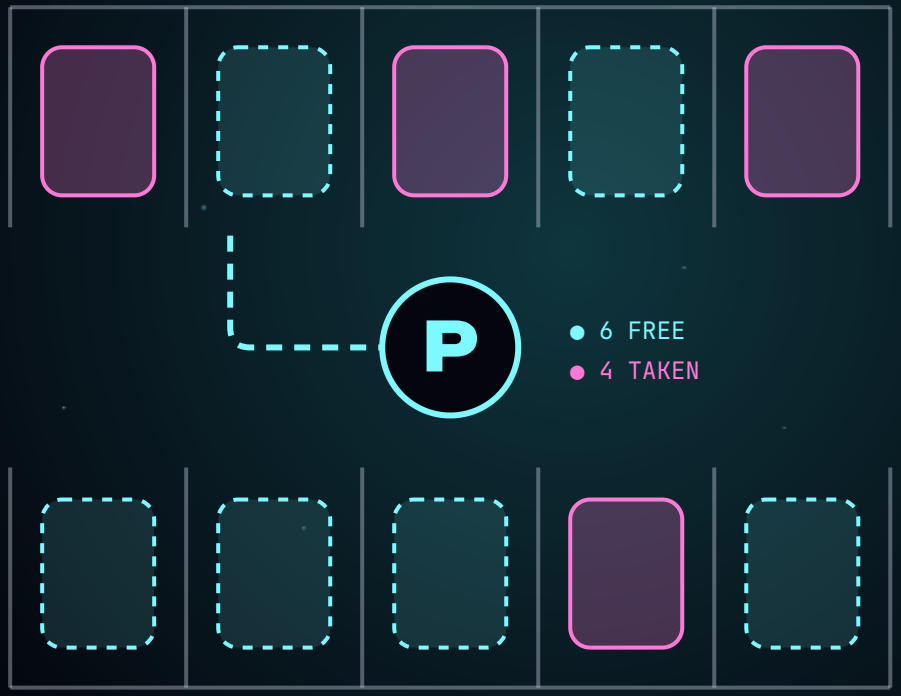
MOD-05 · SMART CITY

Shared Car Parking

A smart parking app for metro cities — matching drivers with free spaces, and space owners with drivers.



// 01 — PROBLEM & FEATURES

Empty spaces, frustrated drivers

PROBLEM 01

Finding parking in busy cities is hard.

PROBLEM 02

Drivers lose time circling for a spot.

PROBLEM 03

Meanwhile, many spaces sit empty.

Find a space

Search open spaces in RTA and private parking lots.

Rent out yours

Owners register and rent out unused spaces via the app.

Pay & park

In-app payment through an integrated gateway.

Fair revenue split

Commission shared among all stakeholders automatically.

Live availability

Occupied and free slots identified in real time.

Car sensors

Integrated car-detection sensors on every space.

Smart enforcement

Cameras and drone plate checks for unpaid parking.

Android app

A simple, user-friendly app for anyone who owns a car.

// 02 — ENFORCEMENT & REVENUE

Fair for drivers, fair for owners

AUTOMATED FINE SYSTEM

01
Random checks by camera and drone plate scanner

02
Plate checked against the database for payment status

03
Fine added to the driver's app, paid on the next parking

5+
Unpaid more than 5 times? Black points are issued

PARKING FEE

Rate / hour

Set per project, paid in-app and split by contribution.

Revenue distribution

RTA
Public authority share

Parking owner
Private space owner share

Service provider
Platform operator share