PORTABLE INTEGRATED POD

CHARGING ANYTIME, ANYWHERE

PROBLEM:

Limited charging infrastructure due to land constraint and high cost of implementation

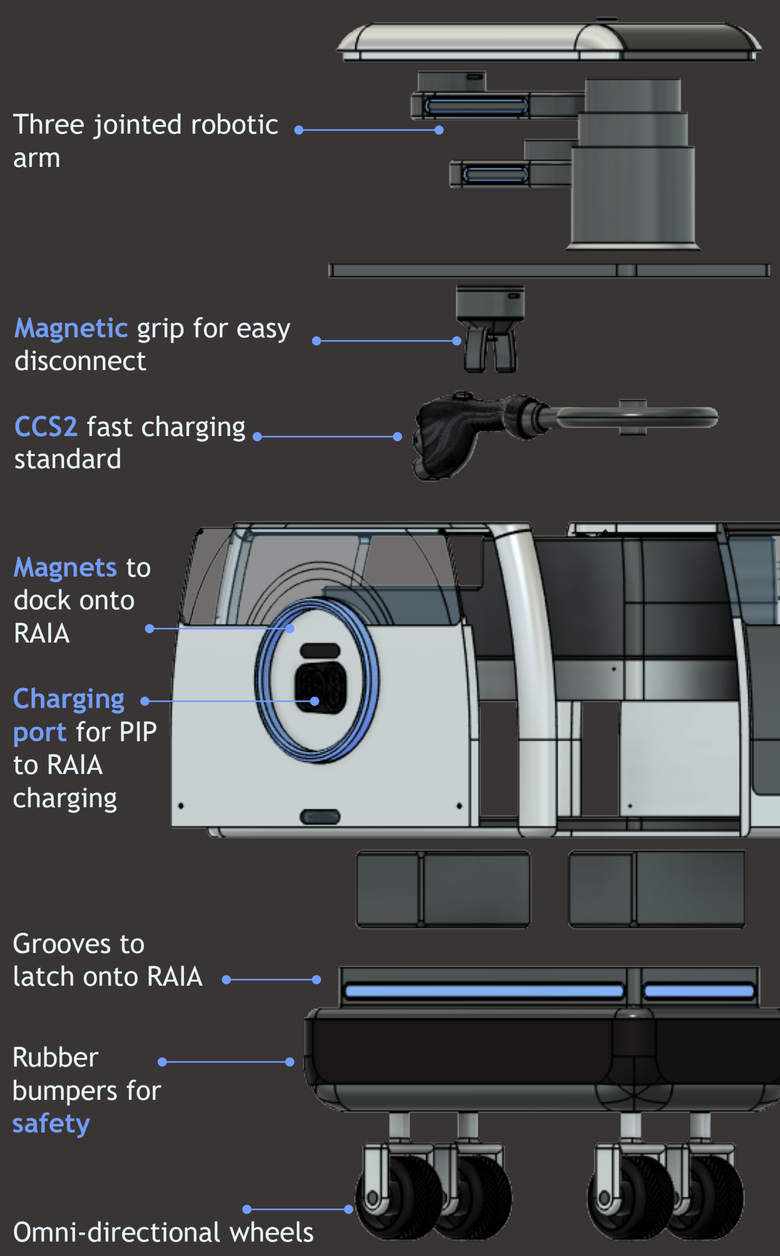
OUR SOLUTION:

Modular | Mobile | Fully Autonomous EV charging stations, deployed in carparks



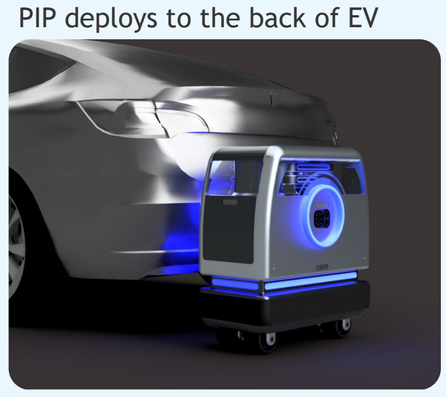
1 PIP ➡ 4 EVS

CHARGE 10% TO 40% IN 5 MINUTES



ARM DEPLOYMENT

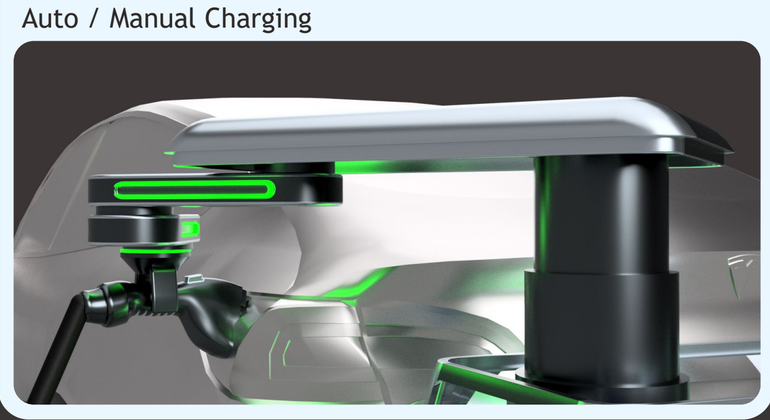
PIP deploys to the back of EV



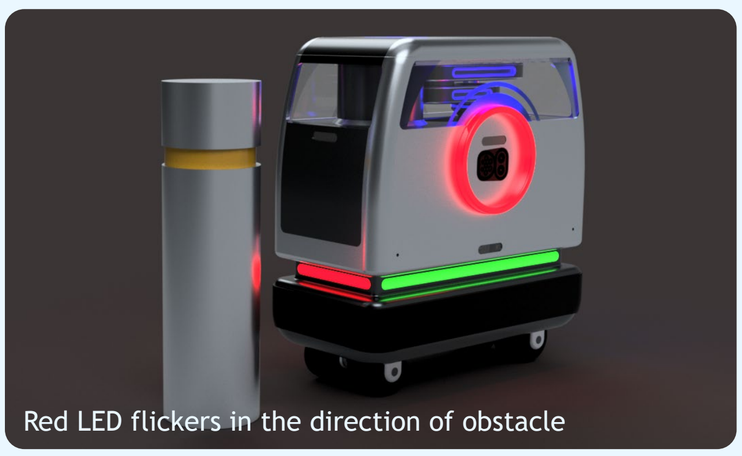
Charging progress



Auto / Manual Charging



OBJECT DETECTION WITH LIDAR SENSORS



Red LED flickers in the direction of obstacle

STEERING WHEEL

DRIVING THE FUTURE



CONTROLLER-INSPIRED WHEEL

Adjustable Hand Grip

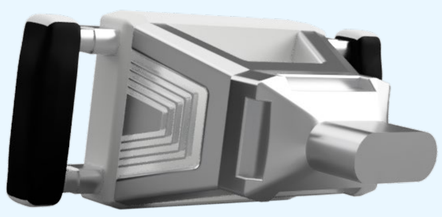


Soft Polyurethane covered with Teflon leather



Aesthetic comfort

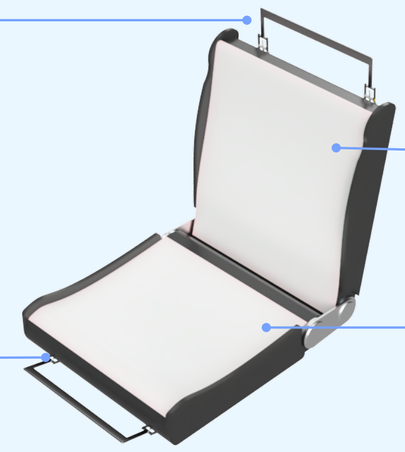
Easily Replaceable



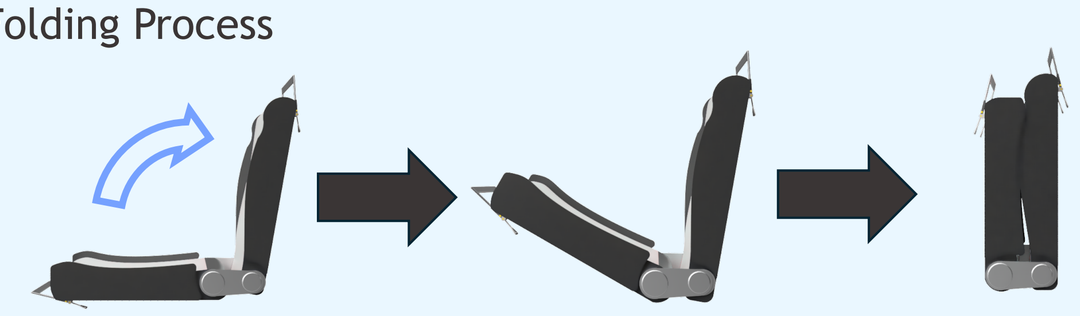
Compact & Collapsible

MODULAR SEAT

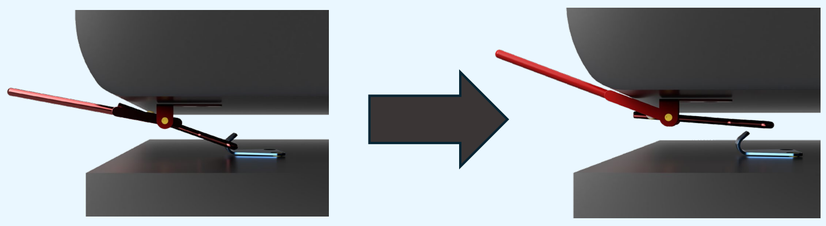
FOLDABLE | REMOVEABLE



Folding Process



Click-Lock Mechanism



Product Design Studio (Spring 2025) | BSc in Design and Artificial Intelligence
EVAM Interior Team | Goy Kai Xuan | Lee Chun Yong | Li Luyuan | Tiong Hui Yi | Han Shuenn Yuen