Parking Floors   For each type

Cars
Bikes
Trucks
Handicapped.

→ (i) First come first serve. ✓ .

Pros: convinience ✓

~~one~~ each type of entrance for each vehicle.

(ii) Each vehicle ✓

→ Capacity : ✓ ~~100 each floor~~ 100 spots ~~each~~ each floor.

(5) floors .

→ Display Board :

─ⓧ# vacancies
~~prices~~

ⓧ → Floor no .

Entrance :

Type of vehicle   (input).

Time   (recorded automatically).

Assign a spot.   (search array and assign a spot).

Show ~~him~~ them the prices. (obvious).

─ Exit point preferance.

Exit system: ~~too~~ (parking).

Takes input as parking ticket.

calculated the bill based on the duration and vehicle type.

Payment gateways

 (i) cash — money scanner if (input).

 (ii) [card] — ~~deduct the money~~ Enter PIN ✓ ~~X paypal~~
                deduct money   redirected to
                                                bank.

[Bank] a function which generates T or F based the

status of transaction randomly (2% F chance).

~~Car~~
~~Parking Spot~~:   ~~Handicapped inherits from Parking Spot.~~

   ~~vehicle type~~:   ~~• type: special.~~

   ~~Time~~: ✓

   ~~isAvailable~~: ✓   ~~ElectricSpot~~

~~Bike spot~~   Parking Spot: Electric Spot Inherit

 • [10 trucks]   vehicle   ParkingSpot:

                                       Time: charging function:

                                       isAvailable:

                                       Name of the customer:

                                       spot Name:

                                       Car Number: (Inferred automatically).