

creating a system to pay for parking spots.

One parking spot is owned by one person. Therefore, it's his spot.

e.g. You have a private parking spot in downtown montreal. You can rent it out to the people who want to use the parking space.

1 parking struct = { owner, 0 or 1 user, price to park, price to sell the parking }

parking[] parkings;

1. Add your parking spot

- owner will mint the nft, pay for gas fees
+ 1 in mapping

- owner = - owner

client = 0x000000

Price = input by owner

2. Rent a parking spot

- client will chose a parking (nft)

- pay the price to the owner

- if accepted:

in mapping:

client = client address

- else

revert the payment with the
err. message

2 revert 11 - - - - -

ing time

3. Unrent the parking spot

owner ask to unrent to the
client only when the time
finishes.

3. Extend the park

4. Sell your parking spot

- put a selling prices in your
struct

- if someone sends the correct amount
he will own the nft.