

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 payout with

err. message

3. Unrent the parking spot

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

3. Extend the parking time

4. Sell your parking spot

- put a selling prices in your struct

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

Web page

Decentrapark

-Parking

-Your Parking

Parkings

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

Decentrapark

-Parking

-Your Parking

Your Parkings -Address

index

-Rent Price

-Parking Price

-Rent Time

if rent- show more

index

-Rent Price

-Parking Price

-Rent Time

if rent- show more

index

-Rent Price

-Parking Price

-Rent Time

if rent- show more

/parkings/:id = index

owner address

center address

rent cost

rent time

Rent