

API specifications

Response format: application/json

Sign up

URL: /user/sign-up

Method: POST

Parameters:

- username
- password
- email (optional)
- phone (optional)

Responses:

```
{
  "succeess": "true"
}
```

Login

URL: /user/login

Method: POST

Parameters:

- username
- password

Responses:

```
{
  "succeess": "true"
}
```

Get Available Spots (fake one)

URL: /spots/list

Method: GET

Parameters:

- coordinate

Reponses:

```
{
  "spots": [{
    "location": "Carnegie Mellon University",
    "available_pots": 32,
    "price_per_hour": 2.5
  },
  {
    "location": "Carnegie Library of Pittsburgh",
    "available_pots": 64,
    "price_per_hour": 1.5
  }]
}
```

List Reservations

URL: /reservations/list

Method: GET

Parameters:

- username

Reponses:

```
{
  "reservations": [{
    "reservation_id": "1",
    "location": "Carnegie Mellon University",
    "reservation_date": "2018/02/28 07:43", // "yyyy/MM/dd HH:mm"
    "reservation_space_hold": 30, // 30 minutes
  },
  {
    "reservation_id": "2",
    "location": "Carnegie Mellon University",
    "reservation_date": "2018/02/29 19:43", // "yyyy/MM/dd HH:mm"
    "reservation_space_hold": 60, // 60 minutes
  }]
}
```

Get Reservations

URL: /reservations/get

Method: GET

Parameters:

- id

Reponses:

```
{
  "reservation": {
    "reservation_id": "1",
    "location": "Carnegie Mellon University",
    "reservation_date": "2018/02/28 07:43", // "yyyy/MM/dd HH:mm"
    "reservation_space_hold": 30, // 30 minutes
  }
}
```

Create Reservations

URL: /reservations/create

Method: POST

Parameters:

- username
- location
- reservation_date
- reservations_space_hold

Responses:

```
{
  "succeess": "true",
  "reservations_id": 3
}
```

Cancel Reservations

URL: /reservations/cancel

Method: GET

Parameters:

- id

Reponses:

```
{  
  "succeess": "true"  
}
```