

REQUÊTES BACK

1. User	2
• login	2
• Créer un user	2
• Get All User	2
• Get User	3
• Modifier un User	3
• Supprimer un User	3
2. Voiture	3
• Créer une voiture	3
• Récupérer une voiture	3
3. Borne	4
• Créer une borne	4
• Récupérer une borne	4
• Récupérer une borne par Status	5
• Modifier une borne	5
• Récupérer les états des bornes de maintenant à dans 3h	5
• Récupérer les états des bornes VÉLO de maintenant à dans 3h	7
• Récupérer les états des bornes pour une certaine date	8
• Récupérer les états des bornes VÉLO pour une certaine date	10
4. Type_borne	11
• Créer un type_borne	11
• Récupérer tout les type de borne	11
5. Réserver	12
• Créer une Réservation	12
• Récupérer une Réservation	12
• Modifier une Réservation	12
• Récupérer les réservation d'un user	13
6. Carte	15
• Créer une Carte	15
• Récupérer la photo d'une carte	15
• Récupérer toute les cartes	15
7. Signalement	15
• Créer un signalement	16
• Récupérer les signalements	16
• Récupérer un signalement	17
• Supprimer un signalement	18

1. User

- login

Route: **POST** <https://back-cats.onrender.com/auth/login>

Body:

```
{
  "mail": "newuser@example.com"
}
```

Réponse:

```
{
  "mail": "newuser@example.com",
  "role": "User",
  "voitures": [],
  "motDePasse": "newpassword123",
  "_id": "675ace0cd4d206149bd271d9"
}
```

- Créer un user

Route: **POST** <https://back-cats.onrender.com/auth/register>

Body:

```
{
  "mail": "auriane@gmail.com"
}
```

Réponse:

```
{
  "mail": "auriane@gmail.com",
  "role": "User",
  "voitures": [],
  "motDePasse": "null",
  "_id": "675c0860997ea278cac60d3d"
}
```

- Get All User

Route: **GET** <https://back-cats.onrender.com/users>

Réponse:

```
{
```

```

    "mail": "newuser@example.com",
    "role": "User",
    "voitures": [],
    "motDePasse": "newpassword123",
    "_id": "675ace0cd4d206149bd271d9"
  }
  ...

```

- **Get User**

Route: *GET* <https://back-cats.onrender.com/users/{id}>

Réponse:

```

{
  "mail": "auriane@gmail.com",
  "role": "User",
  "voitures": [],
  "motDePasse": "null",
  "_id": "675c0860997ea278cac60d3d"
}

```

- **Modifier un User**

Route: *PUT* <https://back-cats.onrender.com/users/{id}>

Body:

```

{
  "role": "Admin"
}

```

- **Supprimer un User**

Route: *DELETE* <https://back-cats.onrender.com/users/{id}>

Réponse: User supprimé avec succès.

2. Voiture

- **Créer une voiture**

Route: *POST* <https://back-cats.onrender.com/voiture>

Body:

```

{
  "marque": "audi",
  "modele": "e-tron",
  "annee": 2021,
  "conso": 4,
  "_id": "677d368c7df0694666bf06ef"
}

```

- **Récupérer une voiture**

Route: *GET* <https://back-cats.onrender.com/voiture>

Réponse:

```
{
  "marque": "audi",
  "modele": "e-tron",
  "annee": 2021,
  "conso": 4,
  "_id": "677d368c7df0694666bf06ef"
}
```

3. Borne

- Créer une borne

Route: **POST** <https://back-cats.onrender.com/borne>

Body:

```
{
  "coord_x": 100,
  "coord_y": 200,
  "numero": 14,
  "typeBorne": {
    "_id": "675c2adb6fc93512a0050c43"
  },
  "carte": {
    "_id": "67613acdf18b073e149a2afe"
  }
}
```

Réponse:

```
{
  "_id": "676004aac23444334a63caa3",
  "status": "Fonctionnelle",
  "numero": 14,
  "coord_x": 100,
  "coord_y": 200,
  "typeBorne": {
    "nom": "voiture",
    "_id": "675c2adb6fc93512a0050c43"
  },
  "carte": {
    "_id": "67613acdf18b073e149a2afe"
  }
}
```

Status possible: Fonctionnelle, HS et Signalée

- **Récupérer une borne**

Route: *GET* <https://back-cats.onrender.com/borne>

Réponse:

```
{
  "_id": "676004aac23444334a63caa3",
  "status": "Fonctionnelle",
  "numero": 1,
  "coord_x": 100,
  "coord_y": 200,
  "typeBorne": {
    "nom": "voiture" ,
    "_id": "675c2adb6fc93512a0050c43"
  },
  "carte": {
    "_id": "67613acdf18b073e149a2afe"
  }
}
```

- **Récupérer une borne par Status**

Route: *GET* <https://back-cats.onrender.com/borne/status?status=HS>

Réponse:

```
{
  "_id": "676004aac23444334a63caa3",
  "status": "HS",
  "numero": 1,
  "coord_x": 100,
  "coord_y": 200,
  "typeBorne": {
    "nom": "voiture" ,
    "_id": "675c2adb6fc93512a0050c43"
  },
  "carte": {
    "_id": "67613acdf18b073e149a2afe"
  }
}
```

- **Modifier une borne**

Route: *PUT* <https://back-cats.onrender.com/borne/676004aac23444334a63caa3>

Body:

```
{
  "status": "Fonctionnelle"
}
```

- Récupérer les états des bornes de maintenant à dans 3h

Route: *GET* <https://back-cats.onrender.com/borne/etat>

```
{
  "occupee": [
    {
      "status": "Fonctionnelle",
      "coord_x": 338,
      "coord_y": 326,
      "numero": 3,
      "typeBorne": {
        "nom": "voiture",
        "_id": "675c2adb6fc93512a0050c43"
      },
      "carte": {
        "carte": "677bb5ec48850136e7d205a1",
        "nom": "CATS de Montpellier",
        "_id": "6763ed3c4545c40e2a6c7e80"
      },
      "_id": "677bd36a221306058d5063b1"
    },
    {
      "status": "HS",
      "coord_x": 401,
      "coord_y": 330,
      "numero": 1,
      "typeBorne": {
        "nom": "voiture",
        "_id": "675c2adb6fc93512a0050c43"
      },
      "carte": {
        "carte": "677bb5ec48850136e7d205a1",
        "nom": "CATS de Montpellier",
        "_id": "6763ed3c4545c40e2a6c7e80"
      },
      "_id": "677bd300221306058d5063af"
    }
  ],
  "signalee": [
    {
      "status": "Signalée",
      "coord_x": 165,
      "coord_y": 437,
      "numero": 2,
      "typeBorne": {
```

```

        "nom": "voiture",
        "_id": "675c2adb6fc93512a0050c43"
    },
    "carte": {
        "carte": "677bb5ec48850136e7d205a1",
        "nom": "CATS de Montpellier",
        "_id": "6763ed3c4545c40e2a6c7e80"
    },
    "_id": "677bd33c221306058d5063b0"
},
],
"disponible": [
    {
        "status": "Fonctionnelle",
        "coord_x": 150,
        "coord_y": 220,
        "numero": 6,
        "typeBorne": {
            "nom": "voiture",
            "_id": "675c2adb6fc93512a0050c43"
        },
        "carte": {
            "carte": "677bb5ec48850136e7d205a1",
            "nom": "CATS de Montpellier",
            "_id": "6763ed3c4545c40e2a6c7e80"
        },
        "_id": "677d19d6069c4c7fbf236f14"
    }
]
}

```

- **Récupérer les états des bornes VÉLO de maintenant à dans 3h**

Route: **GET** <https://back-cats.onrender.com/borne/etat-velo>

```

{
    "occupee": [

    ],
    "hs": [

    ],
    "signalee": [
        {
            "status": "Signalée",
            "coord_x": 165,
            "coord_y": 437,
            "numero": 2,
            "typeBorne": {

```

```

        "nom": "vélo",
        "_id": "675c2adb6fc93512a0050c43"
    },
    "carte": {
        "carte": "677bb5ec48850136e7d205a1",
        "nom": "CATS de Montpellier",
        "_id": "6763ed3c4545c40e2a6c7e80"
    },
    "_id": "677bd33c221306058d5063b0"
},
],
"disponible": [
    {
        "status": "Fonctionnelle",
        "coord_x": 150,
        "coord_y": 220,
        "numero": 6,
        "typeBorne": {
            "nom": "vélo",
            "_id": "675c2adb6fc93512a0050c43"
        },
        "carte": {
            "carte": "677bb5ec48850136e7d205a1",
            "nom": "CATS de Montpellier",
            "_id": "6763ed3c4545c40e2a6c7e80"
        },
        "_id": "677d19d6069c4c7fbf236f14"
    }
]
}

```

- **Récupérer les états des bornes pour une certaine date**

Route: **GET**

<https://back-cats.onrender.com/borne/etat-date?start=2025-01-07T14:00:00&end=2025-01-07T16:00:00>

```

{
  "occupee": [
    {
      "status": "Fonctionnelle",
      "coord_x": 338,
      "coord_y": 326,
      "numero": 3,
      "typeBorne": {
        "nom": "voiture",
        "_id": "675c2adb6fc93512a0050c43"
      },
      "carte": {

```



```

        "carte": "677bb5ec48850136e7d205a1",
        "nom": "CATS de Montpellier",
        "_id": "6763ed3c4545c40e2a6c7e80"
    },
    "_id": "677bd36a221306058d5063b1"
}
],
"hs": [
    {
        "status": "HS",
        "coord_x": 401,
        "coord_y": 330,
        "numero": 1,
        "typeBorne": {
            "nom": "voiture",
            "_id": "675c2adb6fc93512a0050c43"
        },
        "carte": {
            "carte": "677bb5ec48850136e7d205a1",
            "nom": "CATS de Montpellier",
            "_id": "6763ed3c4545c40e2a6c7e80"
        },
        "_id": "677bd300221306058d5063af"
    }
],
"signalee": [
    {
        "status": "Signalée",
        "coord_x": 165,
        "coord_y": 437,
        "numero": 2,
        "typeBorne": {
            "nom": "voiture",
            "_id": "675c2adb6fc93512a0050c43"
        },
        "carte": {
            "carte": "677bb5ec48850136e7d205a1",
            "nom": "CATS de Montpellier",
            "_id": "6763ed3c4545c40e2a6c7e80"
        },
        "_id": "677bd33c221306058d5063b0"
    }
],
"disponible": [
    {
        "status": "Fonctionnelle",
        "coord_x": 150,
        "coord_y": 220,

```

```

    "numero": 6,
    "typeBorne": {
      "nom": "voiture",
      "_id": "675c2adb6fc93512a0050c43"
    },
    "carte": {
      "carte": "677bb5ec48850136e7d205a1",
      "nom": "CATS de Montpellier",
      "_id": "6763ed3c4545c40e2a6c7e80"
    },
    "_id": "677d19d6069c4c7fbf236f14"
  }
}

```

- **Récupérer les états des bornes VÉLO pour une certaine date**

Route: **GET**

<https://back-cats.onrender.com/borne/etat-velo-date?start=2025-01-07T14:00:00&end=2025-01-07T16:00:00>

```

{
  "occupee": [
    {
      "status": "Fonctionnelle",
      "coord_x": 338,
      "coord_y": 326,
      "numero": 3,
      "typeBorne": {
        "nom": "vélo",
        "_id": "675c2adb6fc93512a0050c43"
      },
      "carte": {
        "carte": "677bb5ec48850136e7d205a1",
        "nom": "CATS de Montpellier",
        "_id": "6763ed3c4545c40e2a6c7e80"
      },
      "_id": "677bd36a221306058d5063b1"
    }
  ],
  "hs": [
    "signalee": [
      {
        "status": "Signalée",
        "coord_x": 165,
        "coord_y": 437,
        "numero": 2,

```

```

    "typeBorne":{
      "nom":"vélo",
      "_id":"675c2adb6fc93512a0050c43"
    },
    "carte":{
      "carte": "677bb5ec48850136e7d205a1",
      "nom":"CATS de Montpellier",
      "_id":"6763ed3c4545c40e2a6c7e80"
    },
    "_id":"677bd33c221306058d5063b0"
  },
  ],
  "disponible":[
    {
      "status":"Fonctionnelle",
      "coord_x":150,
      "coord_y":220,
      "numero":6,
      "typeBorne":{
        "nom":"vélo",
        "_id":"675c2adb6fc93512a0050c43"
      },
      "carte":{
        "carte": "677bb5ec48850136e7d205a1",
        "nom":"CATS de Montpellier",
        "_id":"6763ed3c4545c40e2a6c7e80"
      },
      "_id": "677d19d6069c4c7fbf236f14"
    }
  ]
}

```

4. Type_borne

- Créer un type_borne

Route: **POST** https://back-cats.onrender.com/type_borne

Body:

```

{
  "nom":"vélo"
}

```

Réponse:

```

{
  "nom":"vélo",
  "id":"67600544c23444334a63caa4"
}

```

```
}
```

- **Récupérer tout les type de borne**

Route: *GET* https://back-cats.onrender.com/type_borne

Réponse:

```
{
  "nom": "vélo",
  "id": "67600544c23444334a63caa4"
}
```

5. Réserver

- **Créer une Réservation**

Route: *POST* <https://back-cats.onrender.com/reservation>

Body: x

```
{
  "borne": {
    "_id": "677bd36a221306058d5063b1"
  },
  "user": {
    "_id": "675ace0cd4d206149bd271d9"
  },
  "dateDebut": "2025-01-07T14:00:00",
  "dateFin": "2025-01-07T16:00:00"
}
```

- **Récupérer une Réservation**

Route: *GET* <https://back-cats.onrender.com/reservation>

Réponse:

```
{
  "borne": {
    "_id": "677bd36a221306058d5063b1"
  },
  "user": {
    "_id": "675ace0cd4d206149bd271d9"
  },
  "dateDebut": "2025-01-07T14:00:00",
  "dateFin": "2025-01-07T16:00:00",
  "_id": "677bd36a221306058d5063b1"
}
```

- **Modifier une Réservation**

Route: *PUT* <https://back-cats.onrender.com/reservation>

Body:

```
{
  "dateDebut": "2025-01-07T15:00:00",
  "dateFin": "2025-01-07T16:00:00",
}
```

Réponse:

```
{
  "borne": {
    "status": "Fonctionnelle",
    "coord_x": 401,
    "coord_y": 330,
    "numero": 1,
    "typeBorne": {
      "nom": "voiture",
      "_id": "675c2adb6fc93512a0050c43"
    },
    "carte": {
      "carte": "677bb5ec48850136e7d205a1",
      "nom": "CATS de Montpellier",
      "_id": "6763ed3c4545c40e2a6c7e80"
    },
    "_id": "677bd300221306058d5063af"
  },
  "user": {
    "_id": "675ace0cd4d206149bd271d9"
  },
  "dateDebut": "2025-01-07T15:00:00",
  "dateFin": "2025-01-07T16:00:00",
  "_id": "677bd36a221306058d5063b1"
}
```

- Récupérer les réservation d'un user

Route: *GET*

<https://back-cats.onrender.com/reservation/user/675c0860997ea278cac60d3d>

Réponse:

```
[
  {
    "borne": {
      "status": "Signalée",
      "coord_x": 351,
      "coord_y": 335,
      "numero": 4,
      "typeBorne": {
```

```

        "nom": "voiture",
        "_id": "675c2adb6fc93512a0050c43"
    },
    "carte": {
        "carte": "677e923edb932715ae9be947",
        "nom": "CATS de Montpellier",
        "_id": "6763ed3c4545c40e2a6c7e80"
    },
    "_id": "677bd3d5221306058d5063b2"
},
"user": {
    "mail": "auriane@gmail.com",
    "role": "User",
    "voitures": [],
    "motDePasse": null,
    "_id": "675c0860997ea278cac60d3d"
},
"dateDebut": "2025-01-15T07:00:00.000+00:00",
"dateFin": "2025-01-15T11:00:00.000+00:00",
"_id": "677cf6d1fac70868b8b8ae89"
},
{
    "borne": {
        "status": "Fonctionnelle",
        "coord_x": 338,
        "coord_y": 326,
        "numero": 3,
        "typeBorne": {
            "nom": "voiture",
            "_id": "675c2adb6fc93512a0050c43"
        },
        "carte": {
            "carte": "677e923edb932715ae9be947",
            "nom": "CATS de Montpellier",
            "_id": "6763ed3c4545c40e2a6c7e80"
        },
        "_id": "677bd36a221306058d5063b1"
    },
    "user": {
        "mail": "auriane@gmail.com",
        "role": "User",
        "voitures": [],
        "motDePasse": null,
        "_id": "675c0860997ea278cac60d3d"
    },

```

```
    "dateDebut": "2025-01-07T14:00:00.000+00:00",
    "dateFin": "2025-01-07T17:00:00.000+00:00",
    "_id": "677d2440f45eb945ebe9abc5"
  }
]
```

6. Carte

- **Créer une Carte**

Route: **POST** <https://back-cats.onrender.com/carte>

Body:

```
{
  "nom": "Carte de Montpellier"
}
```

Réponse:

```
{
  "nom": "Carte de Montpellier",
  "carte": null,
  "id": "67613acdf18b073e149a2afe"
}
```

1. Route: **PATCH**

<https://back-cats.onrender.com/carte/photo/67613acdf18b073e149a2afe>

Sur Postman:

Body: dans **“form_data”** ajouter une **“Key”** : **“photo”** avec le type **“File”** et pour la **“Value”** il faut choisir le fichier voulu

En Json:

- **Récupérer la photo d’une carte**

Route: **GET** <https://back-cats.onrender.com/carte/photo/6763ed3c4545c40e2a6c7e80>

Réponse: La photo

- **Récupérer toute les cartes**

Route: **GET** <https://back-cats.onrender.com/carte>

Réponse:

```
{
  "nom": "Carte de Montpellier",
  "carte": "6763ed644545c40e2a6c7e81",
  "id": "67613acdf18b073e149a2afe"
}
```

7. Signalement

- Créer un signalement

Route: *POST* *<https://back-cats.onrender.com/signalement>*

Body:

```
{
  "borne": {
    "_id": "677bd3d5221306058d5063b2"
  },
  "user": {
    "_id": "675c0860997ea278cac60d3d"
  },
  "motif": "Le cable n'est plus là"
}
```

Reponse:

```
{
  "motif": "la borne ne s'allume plus",
  "date": "2025-01-20T00:00:00.000+00:00",
  "borne": {
    "_id": "676004aac23444334a63caa3",
    "status": "Fonctionnelle",
    "numero": 1,
    "coord_x": 100,
    "coord_y": 200,
    "typeBorne": {
      "nom": "voiture",
      "_id": "675c2adb6fc93512a0050c43"
    },
    "carte": {
      "_id": "67613acdf18b073e149a2afe"
    }
  },
  "user": {
    "mail": "auriane@gmail.com",
    "role": "User",
    "voitures": [],
    "motDePasse": "null",
    "_id": "675c0860997ea278cac60d3d"
  },
  "_id": "677cf70bfac70868b8b8ae8a"
}
```


- **Récupérer les signalements**

Route: *GET https://back-cats.onrender.com/signalement*

Reponse:

```
{
  "motif": "la borne ne s'allume plus",
  "date": "2025-01-20T00:00:00.000+00:00",
  "borne": {
    "_id": "676004aac23444334a63caa3",
    "status": "Fonctionnelle",
    "numero": 1,
    "coord_x": 100,
    "coord_y": 200,
    "typeBorne": {
      "nom": "voiture" ,
      "_id": "675c2adb6fc93512a0050c43"
    },
    "carte": {
      "_id": "67613acdf18b073e149a2afe"
    }
  },
  "user": {
    "mail": "auriane@gmail.com",
    "role": "User",
    "voitures": [],
    "motDePasse": "null",
    "_id": "675c0860997ea278cac60d3d"
  },
  "_id": "677cf70bfac70868b8b8ae8a"
}
```

- **Récupérer un signalement**

Route: *GET https://back-cats.onrender.com/signalement/677cf70bfac70868b8b8ae8a*

Réponse:

```
{
  "motif": "la borne ne s'allume plus",
  "date": "2025-01-20T00:00:00.000+00:00",
  "borne": {
    "_id": "676004aac23444334a63caa3",
    "status": "Fonctionnelle",
    "numero": 1,
    "coord_x": 100,
```

```
    "coord_y":200,
    "typeBorne": {
      "nom": "voiture" ,
      "_id": "675c2adb6fc93512a0050c43"
    },
    "carte": {
      "_id": "67613acdf18b073e149a2afe"
    }
  },
  "user": {
    "mail":"auriane@gmail.com",
    "role":"User",
    "voitures": [],
    "motDePasse": "null",
    "_id": "675c0860997ea278cac60d3d"
  }
  "_id" : "677cf70bfac70868b8b8ae8a"
}
```

- **Supprimer un signalement**

Route: *DELETE*

<https://back-cats.onrender.com/signalement/677cf70bfac70868b8b8ae8a>

Réponse: *Signalement supprimé avec succès.*