

MyPharma Back-end API

Prescription and Prescription Brands API Requests

GET http://localhost:8000/prescriptionbrands

http://localhost:8000/prescriptionbrands

GET; return all of the Prescription Brands

HEADERS

Content-Type
application/json

Example Request

http://localhost:8000/prescriptionbrands

```
curl --location --request GET 'http://localhost:8000/prescriptionbrands' \  
--header 'Content-Type: application/json'
```

GET http://localhost:8000/prescriptions

http://localhost:8000/prescriptions

//GET; return all of the Prescriptions

HEADERS

Content-Type
application/json

Example Request

http://localhost:8000/prescriptions

```
curl --location --request GET 'http://localhost:8000/prescriptions' \  
--header 'Content-Type: application/json'
```

GET http://localhost:8000/prescriptionOutOfUse

http://localhost:8000/prescriptionOutOfUse

//1.2 [READ] prescriptions that run out and are no longer eligible for refills //to be designated as a past prescription

HEADERS

Content-Type
application/json

Example Request
<http://localhost:8000/prescriptionOutOfUse>

```
curl --location --request GET 'http://localhost:8000/prescriptionOutOfUse' \  
--header 'Content-Type: application/json'
```

GET <http://localhost:8000/prescriptionSortByAddDate>

<http://localhost:8000/prescriptionSortByAddDate>

1.4 [READ] I want to sort prescriptions by the date they were added

HEADERS

Content-Type
application/json

Example Request
<http://localhost:8000/prescriptionSortByAddDate>

```
curl --location --request GET 'http://localhost:8000/prescriptionSortByAddDate' \  
--header 'Content-Type: application/json'
```

GET <http://localhost:8000/prescriptionShowRecurring>

<http://localhost:8000/prescriptionShowRecurring>

1.7 I want to be able to filter prescriptions by recurring and non-recurring

HEADERS

Content-Type
application/json

Example Request
<http://localhost:8000/prescriptionShowRecurring>

```
curl --location --request GET 'http://localhost:8000/prescriptionShowRecurring' \  
--header 'Content-Type: application/json'
```

GET http://localhost:8000/refillables

http://localhost:8000/refillables

3.1 I want to distinguish my prescriptions that need to be refilled from the rest

HEADERS

Content-Type
application/json

Example Request

http://localhost:8000/refillables

```
curl --location --request GET 'http://localhost:8000/refillables' \  
--header 'Content-Type: application/json'
```

GET http://localhost:8000/prescriptionsearch/:name

http://localhost:8000/prescriptionsearch/:name

1.6 I want to be able to search my prescription by name out of all my prescriptions

HEADERS

Content-Type
application/json

PATH VARIABLES

name
Hydrocodone

Example Request

http://localhost:8000/prescriptionsearch/:name

```
curl --location --request GET 'http://localhost:8000/prescriptionsearch/Hydrocodone' \  
--header 'Content-Type: application/json'
```

GET http://localhost:8000/prescriptiondistinguishrunout

http://localhost:8000/prescriptiondistinguishrunout

3.2 I want a prescription that is about to run out to be able to be distinguished from the others

HEADERS

Content-Type
application/json

Example Request
<http://localhost:8000/prescriptiondistinguishrunout>

```
curl --location --request GET 'http://localhost:8000/prescriptiondistinguishrunout' \  
--header 'Content-Type: application/json'
```

GET

<http://localhost:8000/prescription/recommendedrefilldate/:prescriptionname>

<http://localhost:8000/prescription/recommendedrefilldate/:prescriptionname>

3.4 I want to see a recommended refill date for eligible prescriptions

HEADERS

Content-Type
application/json

PATH VARIABLES

prescriptionname
Hydrocodone

Example Request
<http://localhost:8000/prescription/recommendedrefilldate/:prescriptionname>

```
curl --location --request GET 'http://localhost:8000/prescription/recommendedrefilldate/Hydroc  
odone' \  
--header 'Content-Type: application/json'
```

GET <http://localhost:8000/prescription/remainingrefills/:prescriptionname>

<http://localhost:8000/prescription/remainingrefills/:prescriptionname>

3.5 [READ] remaining refills

HEADERS

Content-Type
application/json

PATH VARIABLES

prescriptionname
Hydrocodone

Example Request

http://localhost:8000/prescription/remainingrefills/:prescriptionname

```
curl --location --request GET 'http://localhost:8000/prescription/remainingrefills/Hydrocodone' \  
--header 'Content-Type: application/json'
```

GET http://localhost:8000/prescription/ingredients/:prescriptionname

http://localhost:8000/prescription/ingredients/:prescriptionname

4.3 [READ] medication ingredients

HEADERS

Content-Type
application/json

PATH VARIABLES

prescriptionname
Hydrocodone

Example Request

http://localhost:8000/prescription/ingredients/:prescriptionname

```
curl --location --request GET 'http://localhost:8000/prescription/ingredients/Hydrocodone' \  
--header 'Content-Type: application/json'
```

GET http://localhost:8000/prescription/shelflife/:prescriptionname

http://localhost:8000/prescription/shelflife/:prescriptionname

4.4 [READ] medication shelf life

HEADERS

Content-Type
application/json

PATH VARIABLES

prescriptionname
Hydrocodone

Example Request

http://localhost:8000/prescription/shelflife/:prescriptionname

```
curl --location --request GET 'http://localhost:8000/prescription/shelflife/Hydrocodone' \
--header 'Content-Type: application/json'
```

GET http://localhost:8000/prescription/effects/:prescriptionname

http://localhost:8000/prescription/effects/:prescriptionname

4.5 [READ] medication effects

HEADERS

Content-Type
application/json

PATH VARIABLES

prescriptionname
Hydrocodone

Example Request

http://localhost:8000/prescription/effects/:prescriptionname

```
curl --location --request GET 'http://localhost:8000/prescription/effects/Hydrocodone' \
--header 'Content-Type: application/json'
```

PUT http://localhost:8000/prescription/updatename/:oldname/:newname

http://localhost:8000/prescription/updatename/:oldname/:newname

1.3 [UPDATE] I want to be able to edit a prescription that I have entered

HEADERS

Content-Type
application/json

PATH VARIABLES

oldname
Hydros

newname
Hydrocodone

Example Request

`http://localhost:8000/prescription/updatesname/:oldname/:newname`

```
curl --location --request PUT 'http://localhost:8000/prescription/updatesname/Hydros/Hydrocodone' \
--header 'Content-Type: application/json'
```

POST

`http://localhost:8000/prescription/addnonrecurring/:name/:startdate/:isrefillable/:description/:comments/:brand_id/:enddate/:price/:refilldate/:refillcount/:code_pin`

`http://localhost:8000/prescription/addnonrecurring/:name/:startdate/:isrefillable/:description/:comments/:brand_id/:enddate/:price/:refilldate/:refillcount/:code_pin`

//1.1 [CREATE] non-recurring prescription

PATH VARIABLES

name
Inserting Dummy

startdate
2020-02-20

isrefillable
0

description
This is a dummy insert

comments
Dummy prescript is good

brand_id
5

enddate
2025-02-20

price
100

refilldate
2022-02-20

refillcount

5

code_pin

2

Example Request

http://localhost:8000/prescription/addnonrecurring/:name/:startdate/:isrefillable/:description/:comments/:brand_id/:enddate/:price/:refilldate/:refillcount/:code_pin

```
curl --location --request POST 'http://localhost:8000/prescription/addnonrecurring/Inserting Dummy/2020-02-20/0/This is a dummy insert/Dummy prescript is good/5/2025-02-20/100/2022-02-20/5/2'
```

PUT http://localhost:8000/prescription/updatesstartdate/:name/:newdate

http://localhost:8000/prescription/updatesstartdate/:name/:newdate

1.3 [UPDATE] I want to be able to edit a prescription that I have entered.

Updating StartDate

PATH VARIABLES

name

Inserting Dummy

newdate

2020-02-07

Example Request

http://localhost:8000/prescription/updatesstartdate/:name/:newdate

```
curl --location --request PUT 'http://localhost:8000/prescription/updatesstartdate/Inserting Dummy/2020-02-07'
```

PUT http://localhost:8000/prescription/updaterefillable/:name/:refillable

http://localhost:8000/prescription/updaterefillable/:name/:refillable

//1.3 [UPDATE] I want to be able to edit a prescription that I have entered //Update whether the prescription is refillable //Parameters; Name = name of prescription; Refillable = new is refillable

PATH VARIABLES

name

Inserting Dummy

refillable
2

Example Request

`http://localhost:8000/prescription/updaterefillable/:name/:refillable`

```
curl --location --request PUT 'http://localhost:8000/prescription/updaterefillable/Inserting Dummy/2'
```

PUT `http://localhost:8000/prescription/updaterecurring/:name/:recurr`

`http://localhost:8000/prescription/updaterecurring/:name/:recurr`

//1.3 [UPDATE] I want to be able to edit a prescription that I have entered //Update whether the prescription is refillable //Parameters; Name = name of prescription; Recurr = new is recurring

PATH VARIABLES

name
Inserting Dummy

recurr
7

Example Request

`http://localhost:8000/prescription/updaterecurring/:name/:recurr`

```
curl --location --request PUT 'http://localhost:8000/prescription/updaterecurring/Inserting Dummy/7'
```

PUT `http://localhost:8000/prescription/updatedescript/:name/:descript`

`http://localhost:8000/prescription/updatedescript/:name/:descript`

//1.3 [UPDATE] I want to be able to edit a prescription that I have entered //Update description of the prescription //Parameters; Name = name of prescription; Descript = new is recurring

PATH VARIABLES

name
Inserting Dummy

descript
Updating the description

Example Request

http://localhost:8000/prescription/updatedescript/:name/:descript

```
curl --location --request PUT 'http://localhost:8000/prescription/updatedescript/Inserting Dummy/Updating the description'
```

PUT http://localhost:8000/prescription/updatecomment/:name/:comment

http://localhost:8000/prescription/updatecomment/:name/:comment

//1.3 [UPDATE] I want to be able to edit a prescription that I have entered //Update comment of the prescription //Parameters; Name = name of prescription; Comment = new comment

PATH VARIABLES

name

Inserting Dummy

comment

Updated comment inbound

Example Request

http://localhost:8000/prescription/updatecomment/:name/:comment

```
curl --location --request PUT 'http://localhost:8000/prescription/updatecomment/Inserting Dummy/Updated comment inbound'
```

PUT http://localhost:8000/prescription/updateenddate/:name/:enddate

http://localhost:8000/prescription/updateenddate/:name/:enddate

Updating the end date

PATH VARIABLES

name

Inserting Dummy

enddate

2030-03-02

Example Request

http://localhost:8000/prescription/updateenddate/:name/:enddate

```
curl --location --request PUT 'http://localhost:8000/prescription/updateenddate/Inserting Dummy/2030-03-02'
```

PUT http://localhost:8000/prescription/updatebuyprice/:name/:price

```
http://localhost:8000/prescription/updatebuyprice/:name/:price
```

Update buy price

PATH VARIABLES

name

Inserting Dummy

price

10000

Example Request

```
http://localhost:8000/prescription/updatebuyprice/:name/:price
```

```
curl --location --request PUT 'http://localhost:8000/prescription/updatebuyprice/Inserting Dummy/10000'
```

PUT <http://localhost:8000/prescription/updaterefilldate/:name/:refilldate>

```
http://localhost:8000/prescription/updaterefilldate/:name/:refilldate
```

Updating the refill date

PATH VARIABLES

name

Inserting Dummy

refilldate

2021-04-20

Example Request

```
http://localhost:8000/prescription/updaterefilldate/:name/:refilldate
```

```
curl --location --request PUT 'http://localhost:8000/prescription/updaterefilldate/Inserting Dummy/2021-04-20'
```

PUT <http://localhost:8000/prescription/updaterefillcount/:name/:refillcount>

```
http://localhost:8000/prescription/updaterefillcount/:name/:refillcount
```

Updating the refill count

PATH VARIABLES

name

Inserting Dummy

refillcount
12

Example Request

http://localhost:8000/prescription/updaterefillcount/:name/:refillcount

```
curl --location --request PUT 'http://localhost:8000/prescription/updaterefillcount/Inserting Dummy/12'
```

PUT http://localhost:8000/prescription/pauseprescription/:name/:pausedate

http://localhost:8000/prescription/pauseprescription/:name/:pausedate

Setting a pause prescription date

PATH VARIABLES

name
Inserting Dummy

pausedate
2020-04-26

Example Request

http://localhost:8000/prescription/pauseprescription/:name/:pausedate

```
curl --location --request PUT 'http://localhost:8000/prescription/pauseprescription/Inserting Dummy/2020-04-26'
```

PUT http://localhost:8000/prescription/unpauseprescription/:name

http://localhost:8000/prescription/unpauseprescription/:name

Unpause a prescription

PATH VARIABLES

name
Inserting Dummy

Example Request

http://localhost:8000/prescription/unpauseprescription/:name

```
curl --location --request PUT 'http://localhost:8000/prescription/unpauseprescription/Inserting Dummy'
```

DEL http://localhost:8000/deleteprescription/:name

http://localhost:8000/deleteprescription/:name

Delete a prescription

PATH VARIABLES

name

Inserting Dummy

Example Request

http://localhost:8000/deleteprescription/:name

```
curl --location --request DELETE 'http://localhost:8000/deleteprescription/Inserting Dummy'
```

GET http://localhost:8000/prescriptionShowNonRecurring

http://localhost:8000/prescriptionShowNonRecurring

HEADERS

Content-Type

application/json

Example Request

http://localhost:8000/prescriptionShowNonRecurring

```
curl --location --request GET 'http://localhost:8000/prescriptionShowNonRecurring' \  
--header 'Content-Type: application/json'
```

DEL http://localhost:8000/prescription/deletecomment/:name

http://localhost:8000/prescription/deletecomment/:name

Deleting a comment on a prescription

PATH VARIABLES

name

Inserting Dummy

Example Request

http://localhost:8000/prescription/deletecomment/:name

```
curl --location --request DELETE 'http://localhost:8000/prescription/deletecomment/Inserting Dummy'
```

POST

http://localhost:8000/prescription/addrecurring/:name/:startdate/:isrefillable/:description/:comments/:brand_id/:enddate/:price/:refilldate/:refillcount/:code_pin

http://localhost:8000/prescription/addrecurring/:name/:startdate/:isrefillable/:description/:comments/:brand_id/:enddate/:price/:refilldate/:refillcount/:code_pin

PATH VARIABLES

name

Recurring Dummy

startdate

2020-02-20

isrefillable

0

description

This is a dummy insert

comments

Dummy prescript is good

brand_id

5

enddate

2025-02-20

price

100

refilldate

2022-02-20

refillcount

5

code_pin

2

Example Request

http://localhost:8000/prescription/addrecurring/:name/:startdate/:isrefillable/:description/:comments/:brand_id/:enddate/:price/:refilldate/:refillcount/:code_pin

```
curl --location --request POST 'http://localhost:8000/prescription/addrecurring/Recurring Dummy/2020-02-20/0/This is a dummy insert/Dummy prescript is good/5/2025-02-20/100/2022-02-20/5/2'
```

POST

http://localhost:8000/addprescriptionbrand/withoutimage/:name/:description

http://localhost:8000/addprescriptionbrand/withoutimage/:name/:description

Inserting a prescription brand without an image

PATH VARIABLES

name

Dummy Brand Inserted

description

this is a dummy prescription brand

Example Request

http://localhost:8000/addprescriptionbrand/withoutimage/:name/:description

```
curl --location --request POST 'http://localhost:8000/addprescriptionbrand/withoutimage/Dummy Brand Inserted/this is a dummy prescription brand'
```

GET http://localhost:8000/prescriptionbrands

http://localhost:8000/prescriptionbrands

Inserting prescription brand with an image

HEADERS

Content-Type

application/json

Example Request

http://localhost:8000/prescriptionbrands

```
curl --location --request GET 'http://localhost:8000/prescriptionbrands' \
--header 'Content-Type: application/json'
```

POST

http://localhost:8000/addprescriptionbrand/withimage/:name/:description/:image

http://localhost:8000/addprescriptionbrand/withimage/:name/:description/:image

Insert a prescription brand with an image

PATH VARIABLES

name

Image Brand Inserted

description

This is a test

image

NULL

Example Request

http://localhost:8000/addprescriptionbrand/withimage/:name/:description/:image

```
curl --location --request POST 'http://localhost:8000/addprescriptionbrand/withimage/Image Brand Inserted/This is a test/NULL'
```

DEL http://localhost:8000/deleteprescriptionbrand/:name

http://localhost:8000/deleteprescriptionbrand/:name

Delete a prescription brand

PATH VARIABLES

name

Image Brand Inserted

Example Request

http://localhost:8000/deleteprescriptionbrand/:name

```
curl --location --request DELETE 'http://localhost:8000/deleteprescriptionbrand/Image Brand Inserted'
```

GET http://localhost:8000/prescriptionbrand/search/:name

http://localhost:8000/prescriptionbrand/search/:name

Getting a prescription brand by name

PATH VARIABLES

name

Dummy Brand Inserted

Example Request

<http://localhost:8000/prescriptionbrand/search/:name>

```
curl --location --request GET 'http://localhost:8000/prescriptionbrand/search/Dummy Brand Inserted'
```

PUT

<http://localhost:8000/prescription/updatewithadditionalcomment/:name/:comment>

<http://localhost:8000/prescription/updatewithadditionalcomment/:name/:comment>

Adding an additional comment to a prescription

PATH VARIABLES

name

Inserting Dummy

comment

Second addition

Example Request

<http://localhost:8000/prescription/updatewithadditionalcomment/:name/:comment>

```
curl --location --request PUT 'http://localhost:8000/prescription/updatewithadditionalcomment/Inserting Dummy/Second addition'
```

MyPharma Back-end API

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- GET

<http://localhost:8000/prescriptionbrands>

- GET

<http://localhost:8000/prescriptions>

- GET

<http://localhost:8000/prescriptionOutOfUse>

- GET

<http://localhost:8000/prescriptionSortByAddDate>

- GET

<http://localhost:8000/prescriptionShowRecurring>

- GET

<http://localhost:8000/refillables>

- GET

<http://localhost:8000/prescriptionsearch/:name>

- GET

<http://localhost:8000/prescriptiondistinguishrunout>

- GET

<http://localhost:8000/prescription/recommendedrefilldate/:prescriptionname>

- GET

<http://localhost:8000/prescription/remainingrefills/:prescriptionname>

- GET

<http://localhost:8000/prescription/ingredients/:prescriptionname>

- GET

<http://localhost:8000/prescription/shelflife/:prescriptionname>

- GET

<http://localhost:8000/prescription/effects/:prescriptionname>

- PUT

<http://localhost:8000/prescription/updatename/:oldname/:newname>

- POST

http://localhost:8000/prescription/addnonrecurring/:name/:startdate/:isrefillable/:description/:comments/:brand_id/:enddate/:price/:refilldate/:refillcount/:code_pin

- PUT

<http://localhost:8000/prescription/updatestartdate/:name/:newdate>

- PUT

<http://localhost:8000/prescription/updaterefillable/:name/:refillable>

- PUT

<http://localhost:8000/prescription/updaterecurring/:name/:recurr>

- PUT

<http://localhost:8000/prescription/updatedescript/:name/:descript>

- PUT

<http://localhost:8000/prescription/updatecomment/:name/:comment>

- PUT

<http://localhost:8000/prescription/updateenddate/:name/:enddate>

- PUT

<http://localhost:8000/prescription/updatebuyprice/:name/:price>

- PUT

<http://localhost:8000/prescription/updaterefilldate/:name/:refilldate>

- PUT

<http://localhost:8000/prescription/updaterefillcount/:name/:refillcount>

- PUT

<http://localhost:8000/prescription/pauseprescription/:name/:pausedate>

- PUT

<http://localhost:8000/prescription/unpauseprescription/:name>

- DEL

<http://localhost:8000/deleteprescription/:name>

- GET

<http://localhost:8000/prescriptionShowNonRecurring>

- DEL

<http://localhost:8000/prescription/deletecomment/:name>

- POST

http://localhost:8000/prescription/addrecurring/:name/:startdate/:isrefillable/:description/:comments/:brand_id/:enddate/:price/:refilldate/:refillcount/:code_pin

- POST

<http://localhost:8000/addprescriptionbrand/withoutimage/:name/:description>

- GET

<http://localhost:8000/prescriptionbrands>

- POST

<http://localhost:8000/addprescriptionbrand/withimage/:name/:description/:image>

- DEL

<http://localhost:8000/deleteprescriptionbrand/:name>

- GET

<http://localhost:8000/prescriptionbrand/search/:name>

- PUT

<http://localhost:8000/prescription/updatewithadditionalcomment/:name/:comment>