

MediScreen API Specification

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Demographics API

Get (All Patients)

Name:

Get()

URL:

/api/patient

Method:

GET

URL Parameters:

N/A

Data Parameters:

N/A

Response (Success):

Code: 200

Content: OK / { IEnumerable<Patient> }

Code: 204

Content: NoContent

Response (Failure):

N/A

Sample Call:

```
curl -X GET "http://localhost:8080/api/Patient" -H "accept: text/plain"
```

Notes:

N/A

Get (Single Patient)

Name:

Get(int id)

URL:

/api/patient/{id}

Method:

GET

URL Parameters:

Required: id:int

Data Parameters:

N/A

Response (Success):

Code: 200

Content: OK / { Patient }

Code: 204

Content: No Content

Response (Failure):

Code: 400

Content: Malformed Request

Sample Call:

```
curl -X GET "http://localhost:8080/api/Patient/1" -H "accept:
text/plain"
```

Notes:

N/A

Create Patient

Name:

Post(int id, PatientInputModel model)

URL:

/api/patient/

Method:

POST

URL Parameters:

N/A

Data Parameters:

```
model={
    "givenName":string,
    "familyName":string,
    "dateOfBirth":DateTime,
    "sexId":int,
    "addresses": AddressInputModel[],
    "phoneNumbers": PhoneNumberInputModel[]
}
```

Response (Success):

Code: 201

Content: Created / { Patient }

Response (Failure):

Code: 400

Content: Malformed Request

Sample Call:

```
curl -X POST "http://localhost:8080/api/Patient" -H "accept: */*"
-H "Content-Type: application/json-patch+json" -d
"{\"id\":0,\"givenName\":\"string\",\"familyName\":\"string\",\"dateOfBi
rth\":\"2020-05-08T09:02:45.153Z\",\"sexId\":1,\"addresses\": [{\"id\":0,
\"streetName\":\"string\",\"houseNumber\":\"string\",\"town\":\"string\"
,\"state\":\"string\",\"zipCode\":\"12345\"}],\"phoneNumbers\": [{\"id\":
0,\"number\":\"1234567890\"}]}"
```

Update Patient

Name:

Put()

URL:

/api/patient/{id}

Method:

PUT

URL Parameters:

Required: id:int

Data Parameters:

```
model={
    "givenName":string,
    "familyName":string,
    "dateOfBirth":DateTime,
    "sexId":int,
    "addresses": AddressInputModel[],
    "phoneNumbers": PhoneNumberInputModel[]
}
```

Response (Success):

Code: 204

Content: NoContent

Response (Failure):

Code: 400

Content: Malformed Request

Sample Call:

```
curl -X PUT "http://localhost:8080/api/Patient/1" -H "accept: */*" -H
"Content-Type: application/json-patch+json" -d
"{\"id\":0,\"givenName\":\"string\",\"familyName\":\"string\",\"dateOfBi
rth\":\"2020-05-08T09:02:45.153Z\",\"sexId\":1,\"addresses\": [{\"id\":0,
\"streetName\":\"string\",\"houseNumber\":\"string\",\"town\":\"string\"
,\"state\":\"string\",\"zipCode\":\"12345\"}],\"phoneNumbers\": [{\"id\":
0,\"number\":\"1234567890\"}]}"
```

Notes:

N/A

Patient Exists

Name:

Get()

URL:

/api/patient/exists/{id}

Method:

GET

URL Parameters:

Required: id:int

Data Parameters:

N/A

Response (Success):

Code: 204

Content: NoContent

Response (Failure):

Code: 404

Content: NotFound

Sample Call:

```
curl -X GET "http://localhost:8080/api/Patient/Exists/1" -H "accept: */*"
```

Notes:

N/A

History API

Get by Noteld

Name:

GetById()

URL:

/api/history/note/

Method:

GET

URL Parameters:

Required: id:string

Data Parameters:

N/A

Response (Success):

Code: 200

Content: OK / { Note }

Response (Failure):

Code: 400

Content: BadRequest

Code: 404

Content: NotFound

Sample Call:

```
curl -X GET  
"http://localhost:8082/api/History/note/c53901e0ae014a759565ea476c61a490"  
-H "accept: text/plain"
```

Notes:

N/A

Get by PatientId

Name:

GetByPatientId()

URL:

/api/history/patient/

Method:

GET

URL Parameters:

Required: patientId:int

Data Parameters:

Required: model =

```
{
    "patientId": int,
    "title": string,
    "content": string,
    "timeCreated": DateTime,
    "timeLastUpdated": DateTime
}
```

Response (Success):

Code: 201

Content: Created / { Note }

Response (Failure):

Code: 400

Content: BadRequest

Sample Call:

```
curl -X POST "http://localhost:8082/api/History/note" -H "accept:
text/plain" -H "Content-Type: application/json" -d
"{\"patientId\":0,\"title\":\"string\",\"content\":\"string\",\"timeCreate
d\":\"2020-05-24T07:49:10.514Z\",\"timeLastUpdated\":\"2020-05-24T07:49:10
.514Z\"}"
```

Notes:

N/A

Create

Name:

Post()

URL:

/api/history/patient/

Method:

POST

URL Parameters:

N/A

Data Parameters:

Required: model =

```
{  
    "patientId": int,  
    "title": string,  
    "content": string,  
    "timeCreated": DateTime,  
    "timeLastUpdated": DateTime  
}
```

Response (Success):

Code: 201

Content: Created / { Note }

Response (Failure):

Code: 400

Content: BadRequest

Sample Call:

```
curl -X POST "http://localhost:8082/api/History/note" -H "accept:  
text/plain" -H "Content-Type: application/json" -d  
"{\"patientId\":0,\"title\":\"string\",\"content\":\"string\",\"timeCreate  
d\":\"2020-05-24T07:49:10.514Z\",\"timeLastUpdated\":\"2020-05-24T07:49:10  
.514Z\"}"
```

Notes:

N/A

Update

Name:

Put()

URL:

/api/history/patient/

Method:

PUT

URL Parameters:

Required: id:string

Data Parameters:

Required: model =

```
{
    "patientId": int,
    "title": string,
    "content": string,
    "timeCreated": DateTime,
    "timeLastUpdated": DateTime
}
```

Response (Success):

Code: 204

Content: NoContent

Response (Failure):

Code: 400

Content: BadRequest

Code: 404

Content: NotFound

Sample Call:

```
curl -X PUT
"http://localhost:8082/api/History/note/8a41b2fdb3c4604a66904ef05e4f9a3"
-H "accept: */*" -H "Content-Type: application/json" -d
"{\"id\":\"string\", \"patientId\":0, \"title\":\"string\", \"content\":\"string\", \"timeCreated\":\"2020-05-24T07:58:44.709Z\", \"timeLastUpdated\":\"2020-05-24T07:58:44.710Z\"}"
```

Notes:

N/A