

MediScreen API Specification

Demographics API	2
Get (All Patients)	2
Get (Single Patient)	3
Create Patient	4
Update Patient	5

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