Abarnathy Clinic API Specification

Demographics Service 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 Service API

Get by NoteId

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/8a41b2fdbc3c4604a66904ef05e4f9a3"
-H  "accept: */*" -H  "Content-Type: application/json" -d
"{\"id\":\"string\",\"patientId\":0,\"title\":\"string\",\"content\":\"str
ing\",\"timeCreated\":\"2020-05-24T07:58:44.709Z\",\"timeLastUpdated\":\"2
020-05-24T07:58:44.710Z\"}"
```

Notes:
>   N/A

Assessment Service API

Get Assessment

Name:

Get()

URL:

/api/assessment/patient/

Method:

GET

URL Parameters:

Required: patientId:int

Data Parameters:

N/A

Response (Success):

Code: 200
Content: OK / { AssessmentResult }

Response (Failure):

Code: 404
Content: NotFound

Sample Call:

```
curl -X GET "http://localhost:8083/api/assessment/patient/1" -H
"accept: text/plain"
```

Notes:

N/A