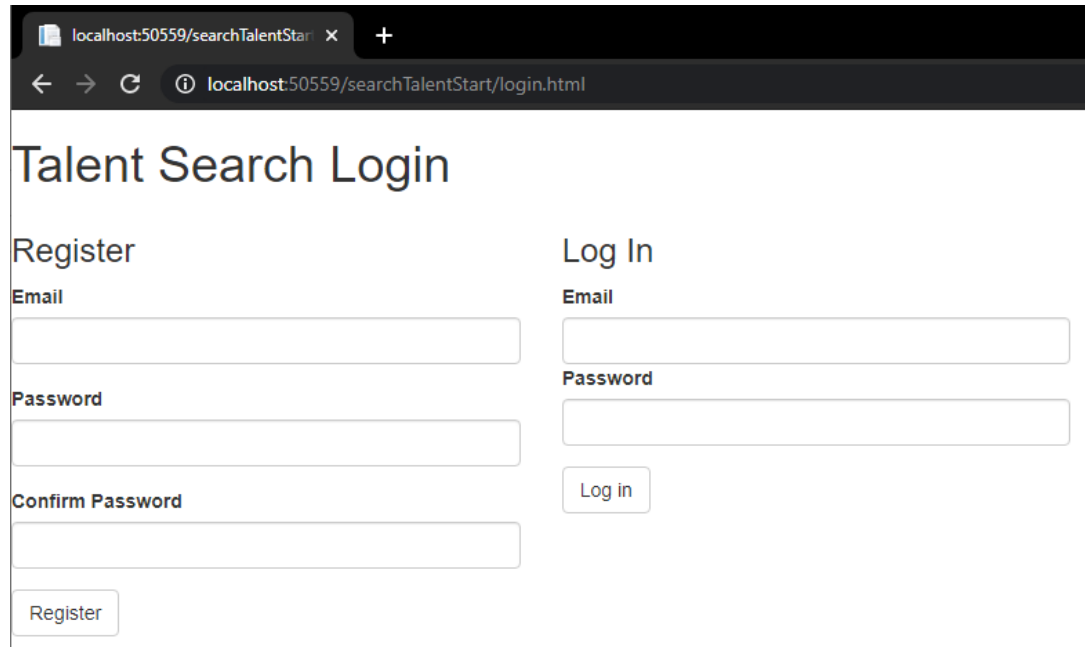


## Task 5

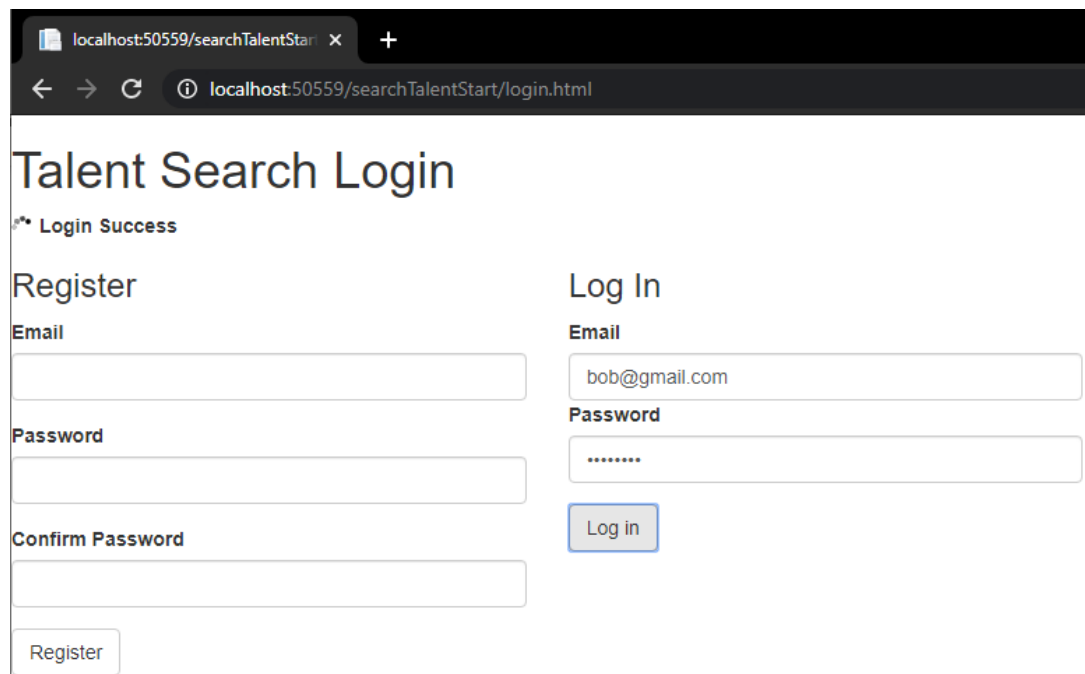
### Browser

Debug run the application and you will see the following page on load.



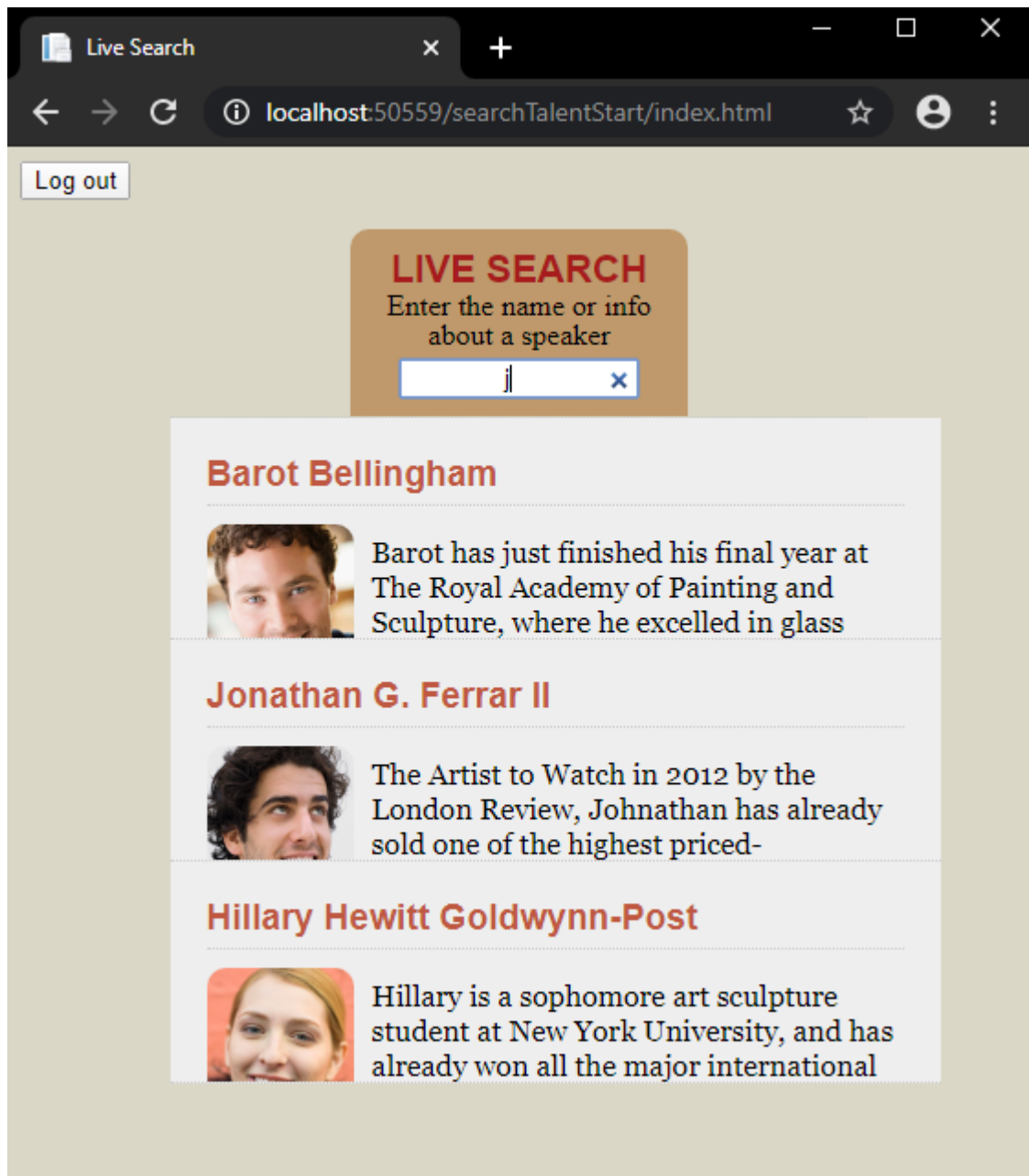
The screenshot shows a web browser window with the address bar displaying 'localhost:50559/searchTalentStart/login.html'. The page title is 'Talent Search Login'. It features two main sections: 'Register' and 'Log In'. The 'Register' section has three input fields labeled 'Email', 'Password', and 'Confirm Password', followed by a 'Register' button. The 'Log In' section has two input fields labeled 'Email' and 'Password', followed by a 'Log in' button.

Create an account or login. (Email: [bob@gmail.com](mailto:bob@gmail.com), Pwd: P@ssw0rd)



The screenshot shows the same 'Talent Search Login' page, but with a 'Login Success' message at the top left. The 'Log In' section now has the email field filled with 'bob@gmail.com' and the password field filled with '\*\*\*\*\*'. The 'Log in' button is highlighted with a blue border. The 'Register' section remains unchanged with empty input fields and a 'Register' button.

Success login will redirect to talent search page. (Token will be stored in localStorage)



Using the browser console, we can see that https and Token are used for data in transit.

Status	Method	Domain	File	Cause	Type	Transferred	Size
302	GET	localhost:50559	talents	xhr	json	2.53 KB	2.09 KB
200	OPTIONS	localhost:44398	talents	xhr	plain	476 B	0 B
200	GET	localhost:44398	talents	xhr	json	2.54 KB	2.09 KB

3 requests

4.17 KB / 5.53 KB transferred

Finish: 75 ms

Headers

Request URL: http://localhost:50559/api/talents

Request Method: GET

Remote Address: [::1]:50559

Status Code: 302 Found

Version: HTTP/1.1

Referrer Policy: no-referrer-when-downgrade

Edit and Resend

Status	Method	Domain	File	Cause	Type	Transferred	Size
302	GET	localhost:50559	talents	xhr	json	2.53 KB	2.09 KB
200	OPTIONS	localhost:44398	talents	xhr	plain	476 B	0 B
200	GET	localhost:44398	talents	xhr	json	2.54 KB	2.09 KB

3 requests

4.17 KB / 5.53 KB transferred

Finish: 75 ms

Headers

Request URL: https://localhost:44398/api/talents

Request Method: GET

Remote Address: [::1]:44398

Status Code: 200 OK

Version: HTTP/2

Referrer Policy: no-referrer-when-downgrade

Edit and Resend

Filter Headers

Response Headers (464 B)

Request Headers (901 B)

Accept: \*/\*

Accept-Encoding: gzip, deflate, br

Accept-Language: en-US,en;q=0.5

Authorization: Bearer EqoXE\_7wqqYOqRCVSj-Fs0N...GIkj1bIISS75Z4uYPk1I3TsP9z9aE

Connection: keep-alive

DNT: 1

Host: localhost:44398

Origin: http://localhost:50559

Referer: http://localhost:50559/searchTalentStart/index.html

TE: Trailers

User-Agent: Mozilla/5.0 (Windows NT 10.0; ...) Gecko/20100101 Firefox/73.0

X-Requested-With: XMLHttpRequest

Without proper login, search will be unauthorized.

**LIVE SEARCH**  
Enter the name or info about a speaker




Retrieving TalentsRepository Cloud...

Unauthorized. Returning to Login...

API Call: /api/talents

In the case of error, client will reconnect and prompt to check.

**LIVE SEARCH**  
Enter the name or info about a speaker



Retrieving TalentsRepository Cloud...

Failed to establish API connection. Reconnecting...  
(Please check your network connection and urlForJson in script.js)

API Call: /api/talets

## Insomnia (Postman)

Localhost:

<http://localhost:50559/>

<https://localhost:44398/>


APIs:


Type	API Route
GET	api/talents
GET	api/talents/{id}


GET: api/talents

Link: <http://localhost:50559/api/talents>

Get all talents

GET  http://localhost:50559/api/talents Send

Body 

Bearer 


Query

Header


Docs

TOKEN

SNqKO2C\_qUQck-y3JVPlsszkCIIHy218dYhno0yN7CW481i8CWkl87K

PREFIX 


ENABLED





200 OK

15 ms

2.1 KB

2 Minutes Ago 

Preview 


Header  10


Cookie


Timeline

```
1 [
2   {
3     "Id": 0,
4     "Name": "Barot Bellingham",
5     "ShortName": "Barot_Bellingham",
6     "Reknown": "Royal Academy of Painting and Sculpture",
7     "Bio": "Barot has just finished his final year at The Royal Academy
of Painting and Sculpture, where he excelled in glass etching paintings
and portraiture. Hailed as one of the most diverse artists of his
generation, Barot is equally as skilled with watercolors as he is with
oils, and is just as well-balanced in different subject areas. Barot's
collection entitled \"The Un-Collection\" will adorn the walls of Gilbert
Hall, depicting his range of skills and sensibilities - all of them,
uniquely Barot, yet undeniably different"
8   },
```

1. Header shows transport to <https://localhost:44398/> with response 302 Found

GET  http://localhost:50559/api/talents Send

Body 

Bearer 


Query

Header


Docs

TOKEN

SNqKO2C\_qUQck-y3JVP1sszkcCIHy218dYhno0yN7CW481i8CWkl87K

PREFIX 


ENABLED





200 OK

15 ms

2.1 KB

4 Minutes Ago 

Preview 

Header  10

Cookie

Timeline


> GET /api/talents HTTP/1.1

> Host: localhost:50559

> User-Agent: insomnia/7.0.6

> Authorization: Bearer SNqKO2C\_qUQck-y3JVP1sszkcCIHy218dYhno0yN7CW481i8CWkl87KiabqjEqGt14eKm37jWOhNKqs6qNU1I7LMY8LcRzaBW7iL1pid4x08PSAse-T80WyyDgcIDZQK3vkMbUCndGUYko588cfE7eMqhw10zxXP1PGQDdBEZIXgSaR37i8QpXLhumR6j9CIPoR2CVR10RKe7Impf4K-XniRJM6rJN-Qrra6VaxrWKDUntK38V0cw1T7\_sruUdjLCLA2xHJf3hdvTY08GMS1sT\_8bZDeD48PtCizfleaayLueWfq4aA1dNn5gX81MpfMpdZ2k-cVhhkMep183pKLNutMF7Ux8f6NSloLUzPotaglv080AY\_bJU2srB7i\_ZkmslM31o51ROhRlQhFwy m6KlIf9fjEo3MZlIpSSczFzGTvP353rxAJqvHCNw6\_wy0UFFu0bxC08YXcxcmh-0mBNPGETPjKOTPKiU8K7iUTNDY

> Accept: \*/\*

< HTTP/1.1 302 Found 


< Cache-Control: no-cache

< Pragma: no-cache

< Content-Length: 32

< Content-Type: text/html; charset=utf-8

< Expires: -1

< Location: <https://localhost:44398/api/talents> 

< Server: Microsoft-IIS/10.0


< X-AspNet-Version: 4.0.30319



< X-SourceFiles: =?UTF-8?B?QzpcVXNlcnNcQWRtaW5CRG9jdW1lbnRzXEdpdEh1YlxDU0NfQXNzaWdubWVudFh0YXNrnVxQcm9kdWw0U3RvcmlvZjJCUHJvZHVjdFN0b3JlXGFwaVx0YXNlbnRz?=

< X-Powered-By: ASP.NET


< Date: Wed, 08 Jan 2020 05:51:37 GMT

2. Transported to <https://localhost:44398> with response 200 OK.

GET  http://localhost:50559/api/talents Send


Body  Bearer  Query Header Docs



TOKEN **SNqKO2C\_qUQck-y3JVPlsszkcCIHy218dYhno0yN7CW481i8CWkl87K**

PREFIX 

ENABLED ☒

200 OK 15 ms 2.1 KB


6 Minutes Ago 


Preview  Header  10 Cookie Timeline


```
> GET /api/talents HTTP/1.1
> Host: localhost:44398
> User-Agent: insomnia/7.0.6
> Authorization: Bearer SNqKO2C_qUQck-y3JVPlsszkcCIHy218dYhno0yN7CW481i8CWkl87K
  y3JVPlsszkcCIHy218dYhno0yN7CW481i8CWkl87KiabqjEqGt14eKm37jWOhNKqs6qNU1I7LMY8
  LcRzaBW7iL1pid4x08PsAse-
  T80WyyDgcIDZQK3vkmBUcndGuyKo588cfE7eMqhw10zxXPLPGQDdBEZIxgSaR37i8QpXLhumR6j9
  CIPoR2CVR10RKe7ImPf4K-XniRJM6rJN-
  Qrra6VaxrWkdUnTK38V0cw1T7_sruUdjLCLA2xHJf3hdvTY0BGMs1st_8bZDeD48PtCizfleaqYL
  ueWfq4aA1dNn5gX81MpfMpDZ2k-
  cVhhKMep1B3pKLNutMF7Ux8f6NSl0LUzPotaglv080AY_bJU2srB7i_zkms1M31o51ROhRlQhFwy
  m6KlIf9fjEo3MZlIpSSczFzGTvP353rxAJqvHCNw6_wy0UFFu0bxCO8YXcxcmh-
  0mBNPGETPjKOTPkIU8K7iUTNDY
> Accept: */*

< HTTP/1.1 200 OK
< Cache-Control: no-cache
< Pragma: no-cache
< Content-Type: application/json; charset=utf-8
< Expires: -1
< Server: Microsoft-IIS/10.0
< X-AspNet-Version: 4.0.30319
< X-SourceFiles: =?UTF-8?B?
  QzpcvXNlcnNcQWRtaW5cRG9jdW11bnRzXEdpdEh1Y1xDU0NFQXNzaWdubWVudFhUYXNrNVxQcm9k
  dWw0U3RvcnVfVjJcUHJvZHVjdFN0b3JlXGFwaVx0YXwx1bnRz?=
< X-Powered-By: ASP.NET
< Date: Wed, 08 Jan 2020 05:51:37 GMT
< Content-Length: 2136
```

Without proper token, request will be 401 Unauthorized.

GET  http://localhost:50559/api/talents Send

Body 


Bearer 

Query

Header

Docs

TOKEN


PREFIX 


ENABLED ☒

401 Unauthorized

31 ms

61 B

Just Now 

Preview 

Header 

11

Cookie

Timeline

1 {

2   "Message": "Authorization has been denied for this request."


3 }



GET: api/talents/{id}


Link: <http://localhost:50559/api/talents/2>


Get talent using http will result a redirect to https. (Available Id between 0 to 3)

GET 

http://localhost:50559/api/talents/2

Send

Body 

Bearer 


Query

Header


Docs

TOKEN

SNqKO2C\_qUQck-y3JVPlsszkcCIHy218dYhno0yN7CW481i8CWki87K

PREFIX 


ENABLED





200 OK

0 ms

492 B

Just Now 

Preview 


Header  10




Cookie


Timeline



```
1 {
2   "Id": 2,
3   "Name": "Hillary Hewitt Goldwynn-Post",
4   "ShortName": "Hillary_Goldwynn",
5   "Reknown": "New York University",
6   "Bio": "Hillary is a sophomore art sculpture student at New York
University, and has already won all the major international prizes for new
sculptors, including the Divinity Circle, the International Sculptor's
Medal, and the Academy of Paris Award. Hillary's CAC exhibit features 25
abstract watercolor paintings that contain only water images including
waves, deep sea, and river."
7 }
```

1. Header shows transport to <https://localhost:44398/> with response 302 Found


GET  http://localhost:50559/api/talents/2 Send




Body 	Bearer 	Query	Header	Docs
<p>TOKEN <b>SNqKO2C_qUQck-y3JVPlsszkcCIHy218dYhno0yN7CW481i8CWki87K</b></p> <p>PREFIX </p> <p>ENABLED <input checked="" type="checkbox"/></p>				


**200 OK** 0 ms 492 B Just Now 


Preview 	Header  10	Cookie	Timeline
<pre>&gt; GET /api/talents/2 HTTP/1.1 &gt; Host: localhost:50559 &gt; User-Agent: insomnia/7.0.6 &gt; Authorization: Bearer SNqKO2C_qUQck-y3JVPlsszkcCIHy218dYhno0yN7CW481i8CWki87K   y3JVPlsszkcCIHy218dYhno0yN7CW481i8CWki87KiabqjEgGt14eKm37jWOhNKqs6qNU1I7LMY8   LcRzaBW7iL1pid4x08PsAse-T80WyyDgciDZQK3vKMBUCndGUyKo588cfE7eMqhw10zxXP1PGQDdBEZIxgSaR37i8QpXLhumR6j9   CIPoR2CVR1ORKe7ImPf4K-XniRJM6rJN-Qrra6VaxrWkdUnTK38V0cw1T7_sruUdjLCLA2xHJf3hDvTY08GMS1sT_8bZDeD48PtCizfleaqyL   ueWfq4aA1dNnSgX81MpfMpDZ2k-cVhhKMep1B3pKLNutMF7Ux8f6NS1oLUzPotaglv080AY_bJU2srB7i_Zkms1M31o51ROhRlQhFWy   m6KlIf9fjEo3M2lIp5SczFzGTvP353rxAJqvHCNw6_wy0UFFu0bxC08YXcxcmh-0mBNPGETPjKOTPKiu8K7iUTNDY &gt; Accept: */*  &lt; HTTP/1.1 302 Found &lt; Cache-Control: no-cache &lt; Pragma: no-cache &lt; Content-Length: 32 &lt; Content-Type: text/html; charset=utf-8 &lt; Expires: -1 &lt; Location: https://localhost:44398/api/talents/2 &lt; Server: Microsoft-IIS/10.0 &lt; X-AspNet-Version: 4.0.30319 &lt; X-SourceFiles: =?UTF-8?B?QZpcVXNlcnNcQWRtaW5CRG9jdW1lbnRzXEdpdEh1Y1xDU0NfQXNzaWdubWVudFhUYXNrNVxQcm9k   dWNOU3RvcnVfVjJCUHJvZHVjdFN0b3JlXGFwaVx0YXxlbnRzXDI=?= &lt; X-Powered-By: ASP.NET &lt; Date: Wed, 08 Jan 2020 06:23:41 GMT</pre>			

2. Transported to <https://localhost:44398> with response 200 OK

GET  http://localhost:50559/api/talents/2 Send

Body 	Bearer 	Query	Header	Docs
<p>TOKEN <b>SNqKO2C_qUQCk-y3JVPlsszkCtHy218dYhno0yN7CW481i8CWki87K</b></p> <p>PREFIX </p> <p>ENABLED <input checked="" type="checkbox"/></p>				

**200 OK** 0 ms 492 B A Minute Ago 

Preview 	Header <span>10</span>	Cookie	Timeline
<pre>&gt; GET /api/talents/2 HTTP/1.1 &gt; Host: localhost:44398 &gt; User-Agent: insomnia/7.0.6 &gt; Authorization: Bearer SNqKO2C_qUQCk-y3JVPlsszkCtHy218dYhno0yN7CW481i8CWki87K   y3JVPlsszkCtHy218dYhno0yN7CW481i8CWki87K   iabqjEqGt14eKm37jwOhNKqs6qNU1I7LMY8   LcRzaBW7iL1pid4xO8PSAse-   T80WyyDgcIDZQK3vkMbUCndGUyKo588cfE7eMqhW10zXXP1PGQDdBEZIxgSaR37i8QpXLhumR6j9   CIPoR2CVR10RKe7ImPf4K-XniRJM6rJN-   Qrra6VaxrWKDUntK38V0cwlT7_sruUdjLCLA2xHJf3hDvTY0BGM5lSt_8bZDeD48PtCizfleaqYL   ueWfq4aA1dNn5gX81MpfMpDZ2k-   cVhhKMeP1B3pKLNUtMF7Ux8f6NSl0LuzPotaglv080AY_bJU2srB7i_ZkmslM31o51R0hr1QhFWy   m6KlIf9fjEo3MZlIpSSczFzGTvP353rxAJqvHCNw6_wy0UFFu0bxC08YXcxcmh-   0mBNPGETPjKOTPKiU8K7iUTNDY &gt; Accept: */*  &lt; HTTP/1.1 200 OK &lt; Cache-Control: no-cache &lt; Pragma: no-cache &lt; Content-Length: 492 &lt; Content-Type: application/json; charset=utf-8 &lt; Expires: -1 &lt; Server: Microsoft-IIS/10.0 &lt; X-AspNet-Version: 4.0.30319 &lt; X-SourceFiles: =?UTF-8?B?   QzpcVXNlcncQWRtaW5cRG9jdW1lbnRzXEdpdEh1Y1xDU0NfQXNzaWdubWVudFhUYXNrcmVxQcm9k   dWU0U3RvcmlvZjJcUHVjZHVjZFN0b3JlXGFwaVx0YXNlbnRzXDI=?= &lt; X-Powered-By: ASP.NET &lt; Date: Wed, 08 Jan 2020 06:23:41 GMT</pre>			

Without proper token, request will be 401 Unauthorized.

GET ▼ http://localhost:50559/api/talents/2 Send

Body <span>▼</span>	<b>Bearer <span>▼</span></b>	Query	Header	Docs
TOKEN				
PREFIX <span>?</span>				
ENABLED <input checked="" type="checkbox"/>				

**401 Unauthorized** 15 ms 61 B Just Now ▼

<b>Preview <span>▼</span></b>	Header <span>11</span>	Cookie	Timeline
<pre>1 { 2   "Message": "Authorization has been denied for this request." 3 }</pre>			

Invalid Talent id will still redirect to https but with 400 Bad Request

GET ▼ http://localhost:50559/api/talents/10 Send

Body <span>▼</span>	<b>Bearer <span>▼</span></b>	Query	Header	Docs
TOKEN				
PREFIX <span>?</span>				
ENABLED <input checked="" type="checkbox"/>				

**400 Bad Request** 31 ms 22 B Just Now ▼

<b>Preview <span>▼</span></b>	Header <span>10</span>	Cookie	Timeline
<pre>1 No Talent Id Found: 10</pre>			