

Final Project

MongoDB Database

Matt Gruber

Now URL: <https://triviaapp-vvgrhwdfmy.now.sh>

Overview

Spaced Repetition is a learning technique that prompts someone with information at increasing intervals of time to reinforce learning. I plan to use a node app and chrome push notifications while utilizing this technique to help people learn random trivia facts.

The user can create, read, update, and delete a user and reminder. These routes have been created and are now accessible. I tested these routes with a series of curl calls in testRoutes.txt.

CREATE

```
Matts-MBP-2.fios-router.home ~/Desktop/Fall Classes/Mobile To Cloud/Final Project
> curl -i -X PUT -d "first_name=Matt&last_name=Gruber&password=123456&email=matt@example.com" https://triviaapp-uzgdgxxmnd.now.sh/user
HTTP/1.1 200 OK
Date: Mon, 20 Nov 2017 05:52:13 GMT
Content-Type: text/html; charset=utf-8
Content-Length: 128
Connection: keep-alive
X-Powered-By: Express
ETag: W/"80-y1U8d0t/ushXJDLbc/JJma3obMw"
X-Now-Region: now-sfo
Server: now
Accept-Ranges: bytes

<!DOCTYPE html>
<html>
  <head>
    <title>Trivia Game</title>
  </head>
  <body>
    <p>Create Successful</p>
  </body>
</html>Matts-MBP-2.fios-router.home ~/Desktop/Fall Classes/Mobile To Cloud/Final Project
```

Creating User

```
> curl -i -X PUT -d "question_id=1&state=1" https://triviaapp-uzgdgxxmnd.now.sh/reminder
HTTP/1.1 200 OK
Date: Mon, 20 Nov 2017 05:52:30 GMT
Content-Type: text/html; charset=utf-8
Content-Length: 128
Connection: keep-alive
X-Powered-By: Express
ETag: W/"80-y1U8d0t/ushXJDLbc/JJma3obMw"
X-Now-Region: now-sfo
Server: now
Accept-Ranges: bytes

<!DOCTYPE html>
<html>
  <head>
    <title>Trivia Game</title>
  </head>
  <body>
    <p>Create Successful</p>
  </body>
</html>Matts-MBP-2.fios-router.home ~/Desktop/Fall Classes/Mobile To Cloud/Final Project
```

Creating Reminder

READ

```
> curl -i -X GET -d "first_name=Matt&last_name=Gruber" https://triviaapp-uzgdgxznd.now.sh/user
HTTP/1.1 200 OK
Date: Mon, 20 Nov 2017 05:52:42 GMT
Content-Type: text/html; charset=utf-8
Content-Length: 830
Connection: keep-alive
X-Powered-By: Express
ETag: W/"33e-azEwd89d9MqInlAho0oIoeKY10"
X-Now-Region: now-sfo
Server: now
Accept-Ranges: bytes

<!DOCTYPE html>
<html>
  <head>
    <title>Trivia Game</title>
  </head>
  <body>

    [ </br>

      {&#34;_id&#34;:&#34;5a126b6fdc5c600999426eb6&#34;,&#34;first_name&#34;:&#34;Matt&#34;,&#34;
      :last_name&#34;:&#34;Gruber&#34;,&#34;password&#34;:&#34;123456&#34;,&#34;email&#34;:&#34;matt@
      example.com&#34;}&#34;}</br>

      {&#34;_id&#34;:&#34;5a126c62dc5c600999426eb6&#34;,&#34;first_name&#34;:&#34;Matt&#34;,&#34;
      :last_name&#34;:&#34;Gruber&#34;,&#34;password&#34;:&#34;654321&#34;,&#34;email&#34;:&#34;matt@examp
      le.com&#34;}&#34;}</br>

      {&#34;_id&#34;:&#34;5a126d8d36ea22009a40edba&#34;,&#34;first_name&#34;:&#34;Matt&#34;,&#34;
      :last_name&#34;:&#34;Gruber&#34;,&#34;password&#34;:&#34;123456&#34;,&#34;email&#34;:&#34;matt@examp
      le.com&#34;}&#34;}</br>

    ]
  </body>
</html>
```

Reading User

```
Matts-MBP-2.fios-router.home ~/Desktop/Fall Classes/Mobile To Cloud/Final Project
> curl -i -X GET -d "question_id=1" https://triviaapp-uzgdgxznd.now.sh/reminder
HTTP/1.1 200 OK
Date: Mon, 20 Nov 2017 05:53:03 GMT
Content-Type: text/html; charset=utf-8
Content-Length: 413
Connection: keep-alive
X-Powered-By: Express
ETag: W/"19d-1HGtFoMlk5ZHKlDQvKnXzjv5S+Q"
X-Now-Region: now-sfo
Server: now
Accept-Ranges: bytes

<!DOCTYPE html>
<html>
  <head>
    <title>Trivia Game</title>
  </head>
  <body>

    [ </br>

      {&#34;_id&#34;:&#34;5a126b08dc5c600999426eb7&#34;,&#34;question_id&#34;:&#34;1&#34;,&#34;s
      tate&#34;:&#34;1&#34;}&#34;}</br>

      {&#34;_id&#34;:&#34;5a126d9e36ca22009a40edbb&#34;,&#34;question_id&#34;:&#34;1&#34;,&#34;s
      tate&#34;:&#34;1&#34;}&#34;}</br>

    ]
  </body>
</html>Matts-MBP-2.fios-router.home ~/Desktop/Fall Classes/Mobile To Cloud/Final Project
>
```

Reading Reminder

UPDATE

```
> curl -i -X POST -d 'find={"email":"matt@example.com"}&update={"$set":{"password":"654321"}}' https://triviaapp-uzgdgxwmd.now.sh/user
HTTP/1.1 200 OK
Date: Mon, 20 Nov 2017 05:53:22 GMT
Content-Type: text/html; charset=utf-8
Content-Length: 144
Connection: keep-alive
X-Powered-By: Express
ETag: W/"90-j3YzsC1RdgoDtE+mGwSmpQc/i4Y"
X-Now-Region: now-sfo
Server: now
Accept-Ranges: bytes

<!DOCTYPE html>
<html>
  <head>
    <title>Trivia Game</title>
  </head>
  <body>
    <p>Modified 1 and added 0 documents.</p>
  </body>
</html>Matt-MBP-2.fios-router.home ~/Desktop/Fall Classes/Mobile To Cloud/Final Project
```

Updating User

```
Matt-MBP-2.fios-router.home ~/Desktop/Fall Classes/Mobile To Cloud/Final Project
> curl -i -X POST -d 'find={"question_id":"1"}&update={"$set":{"state":"3"}}' https://triviaapp-vvgrhwdfw.now.sh/reminder
HTTP/1.1 200 OK
Date: Mon, 20 Nov 2017 05:55:16 GMT
Content-Type: text/html; charset=utf-8
Content-Length: 144
Connection: keep-alive
X-Powered-By: Express
ETag: W/"90-QxYsBq3RFV0dJl30JmrvpMOVN/w"
X-Now-Region: now-sfo
Server: now
Accept-Ranges: bytes

<!DOCTYPE html>
<html>
  <head>
    <title>Trivia Game</title>
  </head>
  <body>
    <p>Modified 2 and added 0 documents.</p>
  </body>
</html>Matt-MBP-2.fios-router.home ~/Desktop/Fall Classes/Mobile To Cloud/Final Project
>
```

Updating Reminder

DELETE

```

</html>Matt-MBP-2.fios-router.home ~/Desktop/Fall Classes/Mobile To Cloud/Final Project
> curl -i -X DELETE -d 'find={"email":"matt@example.com"}&delete=true' https://triviaapp-vvgrhwdfmy.now.sh/user
HTTP/1.1 200 OK
Date: Mon, 20 Nov 2017 05:55:28 GMT
Content-Type: text/html; charset=utf-8
Content-Length: 115
Connection: keep-alive
X-Powered-By: Express
ETag: W/"73-REJWt2og0HsrXhs5nuPd793rzU"
X-Now-Region: now-sfo
Server: now
Accept-Ranges: bytes

<!DOCTYPE html>
<html>
  <head>
    <title>Trivia Game</title>
  </head>
  <body>
    <p>true</p>
  </body>
</html>Matt-MBP-2.fios-router.home ~/Desktop/Fall Classes/Mobile To Cloud/Final Project

```

Deleting User

```

</html>Matt-MBP-2.fios-router.home ~/Desktop/Fall Classes/Mobile To Cloud/Final Project
> curl -i -X DELETE -d 'find={"question_id":"1"}&delete=true' https://triviaapp-vvgrhwdfmy.now.sh/reminder
HTTP/1.1 200 OK
Date: Mon, 20 Nov 2017 05:56:18 GMT
Content-Type: text/html; charset=utf-8
Content-Length: 115
Connection: keep-alive
X-Powered-By: Express
ETag: W/"73-REJWt2og0HsrXhs5nuPd793rzU"
X-Now-Region: now-sfo
Server: now
Accept-Ranges: bytes

<!DOCTYPE html>
<html>
  <head>
    <title>Trivia Game</title>
  </head>
  <body>
    <p>true</p>
  </body>
</html>Matt-MBP-2.fios-router.home ~/Desktop/Fall Classes/Mobile To Cloud/Final Project

```

Deleting Reminder