```
PS G:\WebDev2\lab14b> npm install express

added 64 packages, and audited 65 packages in 2s

12 packages are looking for funding
    run `npm fund` for details

found 0 vulnerabilities
PS G:\WebDev2\lab14b> npm install sqlite3
    npm WARN deprecated @npmcli/move-file@1.1.2: This functionality has been moved to @npmcli/fs

added 125 packages, and audited 190 packages in 5s

23 packages are looking for funding
    run `npm fund` for details

found 0 vulnerabilities
PS G:\WebDev2\lab14b> []
```

```
PS G:\WebDev2\lab14b> node db-tester.js
Cubism
Romanticism
Realism
Impressionism
Post-Impressionism
Fauvism
Surrealism
Expressionism
Symbolism
Neoclassicism
Northern Renaissance
Renaissance
High Renaissance
Mannerism
International Gothic
Rococo
Baroque
Dutch Golden Age
Academic Art
Biedermeier
Jacques-Louis David
Jean-Auguste-Dominique Ingres
Eugene Delacroix
Gustave Courbet
Edouard Manet
Pierre Auguste Renoir
Edgar Degas
Claude Monet
Paul Gauguin
Georges Seurat
Henri Toulouse-Lautrec
Andre Derain
Henri Rousseau
Francois Boucher
Jean-Baptiste-Simeon Chardin
Elisabeth Louise Lebrun
Nicolas Poussin
William Bouguereau
**** The Grand Canal in Venice from Palazzo Flangini to Campo San Marcuola
```

```
Lab14b-3rd.pdf
                       6
                                                                                                                                                                                                                  | localhost:8080/290
                                                                                                                                                                                                                                                                                                                                                                                                             €
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                                                              (i) localhost:8080/290
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🥃 UMG Gaming 🎩 Amazon.com: MYPI... 👂 Bright Space 💪 Gmail 🔼 YouTube
                                                                                                                                                                                                                                                                                                                                                            > Other favorites
                    {
    "id": 290,
    "title": "Balcony",
    "artist": {
        "id": 12,
        "first": "Edouard",
        "last": "Manet",
        "nationality": "France",
        "yearBath": 1883,
        "yearDeath": 1883,
        "link": "Http://en.wikipedia.org/wiki/Manet",
        "details": "Edouard Manet was a French painter. One of the first 19th-century
    artists to approach modern-life subjects, he was a pivotal figure in the transition from
    Realism to Impressionism."
    },
                                                                                                                                                                                                                                                                                                                                                                                                                                  63
        10
        11
       12
                               "gallery": {
    "id": 19,
    "name": "Musee d'Orsay",
    "city": "Paris",
    "address": "1 Rue de la Légion d'Honneur",
    "country": "France",
    "latitude": 48.86,
    "longitude": 2.327,
    "link": "http://www.musee-orsay.fr/"
      13
14
15
16
17
        18
19
      20
21
22
                   "link": "http://www.musee-orsay.fr/"
},

"link": "http://www.musee-orsay.fr/"
},

"year": 1868,

"width": 170,

"height": 124,

"excerpt": "The painting tells no story or anecdote; the protagonists are frozen, as if isolated in an interior dream, evidence that Manet was freeing himself from academic constraints, despite the obvious reference to Goya's Majas at the Balcony.",

"filename": "012030",

"medium": "011 on canvas",

"accession": "RF 2772",

"description": "When Manet painted this piece, scenes of bourgeois life were in vogue. Yet The Balcony went against the conventions of the day. All the subjects were close acquaintances of the artist, especially Berthe Morisot who here, pictured sitting in the foreground, makes her first appearance in Manet's work, and who went on to become one of his favourite models. The painting tells no story or anecdote; the protagonists are frozen, as if isolated in an interior dream, evidence that Manet was freeing himself from academic constraints, despite the obvious reference to Goya's Majas at the Balcony.",

"links": "

"gallery": "http://www.musee-orsay.fr/en/collections/works-in-
frours/sacch/compentaics/compentaics id/la-balcon_713 html"
      23
24
25
26
27
       28
        30
       32
                     "links": {
    "gallery": "http://www.musee-orsay.fr/en/collections/works-in-
focus/search/commentaire/commentaire_id/le-balcon-7121.html",
    "google": "https://www.google.com/culturalinstitute/beta/asset/the-
balcony/ggfK0UgXA70CA",
    "wikipedia": "https://commons.wikimedia.org/wiki/File:Edouard_Manet_-
_The_Balcony_-_Google_Art_Project.jpg"
       34
       35
       36
                                         "annotations": {
    "safeSearchAnnotation": {
       37
38
```

```
Lab14b-3rd.pdf
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😝 UMG Gaming 🎩 Amazon.com: MYPI... 🔞 Bright Space 💪 Gmail
                                                                                                                                                                                             Other favorites
                                                                                                                                                YouTube
                                                                                                                                                                                    >
                                                                                                                                                                                                                        63
                                                                                                                                                                                                                                 0
                                 "id": 5,
"title": "Self-portrait (Yo)",
"artist": {
         3
        4
                                         "id": 1,
"first": "Pablo",
"last": "Picasso",
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    "yearBirth": 1881,
    "yearDeath": 1973,
    "link": "http://en.wikipedia.org/wiki/Picasso",
    "details": "Pablo Ruiz Picasso was a Spanish painter, draughtsman, and
sculptor who lived most of his life in France. He is widely known for co-founding the
Cubist movement and for the wide variety of styles that he helped develop and explore.
Among his most famous works are the proto-Cubist les Demoiselles d'Avignon (1907) and
        9
       10
       11
      12
      13
              Among his most famous works are the proto-Cubist Les Demoiselles d'Avignon (1907) and Guernica (1937), a portrayal of the German bombing of Guernica during the Spanish Civil War."
      14
                                  },
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       17
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       21
       22
       23
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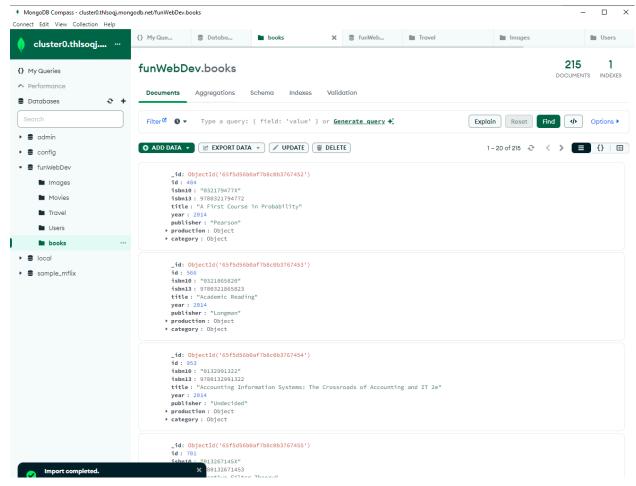
"medium": "0il on cardboard on panel",

"accession": "587.1998",

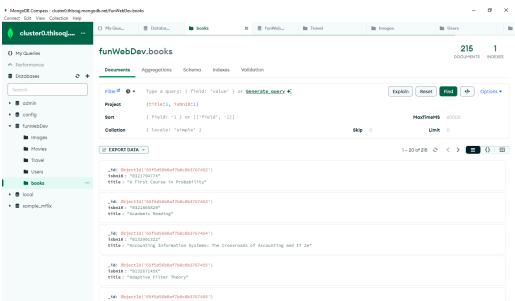
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"links": {

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       24
       25
       26
       28
       29
       30
       31
       32
       33
                                          "gallery": "http://www.moma.org/collection/works/80026?locale=en",
"google": null,
       34
       35
                                           "wikipedia": "https://en.wikipedia.org/wiki/Yo,_Picasso"
       36
       37
                                 },
"annotations": {
    "safeSearchAnnotation": {
        "wislence": 1,
       38
       39
       40
                                                    "racy": 1
      41
      42
                                          },
"dominantColors": [
       43
```



6.



```
starting to connect to mongo ...
(node:16352) [MONGOOB DRIVER] Warning: useNewUrlParser is a deprecated option: useNewUrlParser has no effect since Node.js Driver version 4.0.0 and will be removed in the next major version
(Use `node --trace-warnings ...` to show where the warning was created)
(node:16352) [MONGOOB DRIVER] Warning: useUnifiedTopology is a deprecated option: useUnifiedTopology has no effect since Node.js Driver version 4.0.0 and will be removed in the next major version
connected to mongo
```

```
PS 6:\webDev2\lab14b> node book-server.js
starting to connect to mongo ...
(node:12836) [MONGODB DRIVER] Warning: useNewUrlParser is a deprecated option: useNewUrlParser has no effect since Node.js Driver version 4.0.0 and will b
e removed in the next major version
(Use `node --trace-warnings ...` to show where the warning was created)
(node:12836) [MONGODB DRIVER] Warning: useUnifiedTopology is a deprecated option: useUnifiedTopology has no effect since Node.js Driver version 4.0.0 and
will be removed in the next major version
Server running at port= 8080
connected to mongo
```

11.

```
models > JS Book.js > ...
       const mongoose = require('mongoose');
       // define a schema that maps to the structure of the data in MongoDB
       const bookSchema = new mongoose.Schema({
        id: Number,
        isbn10: String.
        isbn13: String,
        title: String,
        year: Number,
        publisher: String,
        production: {
        status: String,
        binding: String,
        size: String,
        pages: Number,
        instock: Date
        category: {
        main: String,
        secondary: String
        });
        module.exports = mongoose.model('Book', bookSchema, 'books');
 22
```

```
12.
1 [
                                                                                                                     ٤٤
 2
              " id": "65f5d56b0af7b8c0b376746e",
 3
              "isbn10": "0132481197",
"title": "Career Adventure: Your Guide to Personal Assessment, Career Exploration,
 4
 5
    and Decision Making"
 6
         },
{
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8
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10
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19
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25
26
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29
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31
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45
46
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              "isbn10": "0133022935",
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49
50
51
         }
52 1
```

```
1 [
                                                                                                                                                                                                 £
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                     "location": {
    "iso": "CA",
    "country": "Canada",
    "city": "Calgary",
    "cityCode": 5913490,
    "continent": "NA",
    "lotityde": 51.06124
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  5
  6
  7
  8
                                "latitude": 51.061249,
"longitude": -114.158077
  9
10
                      },
"user": {
    "userid": 1,
    "firstname": "Luis",
    "lastname": "Goncalves"
11
12
13
14
15
16
                        },
"_id": "65f5d5be0af7b8c0b37675a5",
17
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"title": "Edworthy Park",
"description": "Calgary Children's Hospital from Edworthy Park",
"filename": "6592902825.jpg"
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19
20
21
22
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    "city": "Calgary",
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    "latitude": 51.061249,
    "longitude": -114.158077
23
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32
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    "lastname": "Goncalves"
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37
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"description": "Calgary Downtown from Edworthy Park",
"filename": "6592914823.jpg"
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40
41
42
43
44
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    "ity": "Toronto",
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50
51
                                 "longitude": -79.394653
52
53
                        },
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"lastname": "Goncalves"
55
56
57
                       },
"id": "65f5d5be0af7b8c0b37675a7",
"īd": 108,
"title": "Royal Ontario Museum",
"description": "Michael Lee-Chin Crystal facade was created by architect Daniel
59
60
62
       Libeskind"
                        a ,
"filename": "20010830173.jpg"
63
64
65
                                  . . . . .
```

Add Book	
Title	1
ISBN10	
ISBN13	
Number of Pages	
Year	
Publisher Pearson	
Submit	

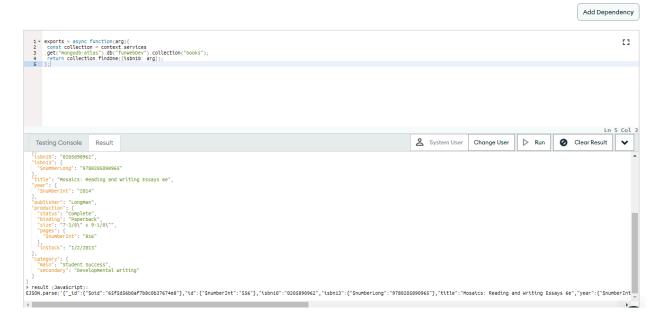
14.

So this shows that it was created but then when i click the link to the book I have set to create a message if it can't find that book and it does produce that

15.

Authentication

Users User Settings Authentication Providers App Services provides several authentication providers that you can integrate into a client application to allow users to log in to your app. Learn more about how to configure authentication for any of our authentication providers. Provider Enabled Edit Allow users to log in anonymously On EDIT Email/Password EDIT EDIT Facebook Off Google EDIT EDIT Apple EDIT EDIT Custom JWT Authentication Off Custom Function Authentication EDIT



MongoDB Realms Tester

hamlet macbeth

MongoDB Realms Tester

A First Course in Probability

Academic Reading

Accounting Information Systems: The Crossroads of Accounting and IT 2e

Adaptive Filter Theory

Aerodynamics for Engineers

Algebra and Trigonometry

Algebra and Trigonometry with Modeling & Visualization

An Introduction to Programming Using Visual Basic 2012(w/Visual Studio 2012 Express Edition DVD)

Analysis with an Introduction to Proof

Auditing and Assurance Services

Basic College Mathematics

Basic College Vocabulary Strategies

Basic Technical Mathematics

Basic Technical Mathematics with Calculus

Basics of Web Design: HTML5 & CSS3

Better Business

Bridging the Gap

Brief Calculus & Its Applications

Building College Vocabulary Strategies

Building Java Programs

Business Communication

Business Communication Essentials

Business Intelligence

Business Math

Business Math Brief

Business Statistics: A First Course

C++ How to Program (Early Objects Version)

Calculus and Its Applications Expanded Version

Career Adventure: Your Guide to Personal Assessment, Career Exploration, and Decision Making

Career Tool Kit, The: Skills for Success

College Algebra

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