#Manual Test Plan Manual Test Plan for CS242 Assignment 2.2

#Environment

Windows 10

PyCharm Community Edition 2020.3.3 x64

Python 3.8

Json/Pymongo/BeautifulSoup/requests installed

Vs Code

Node.js installed

All React packages installed

#Set Up

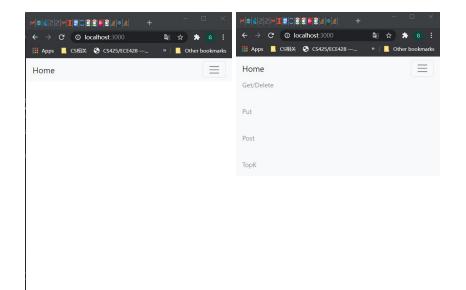
Npm start

#Test Plan

The main webpage is like this

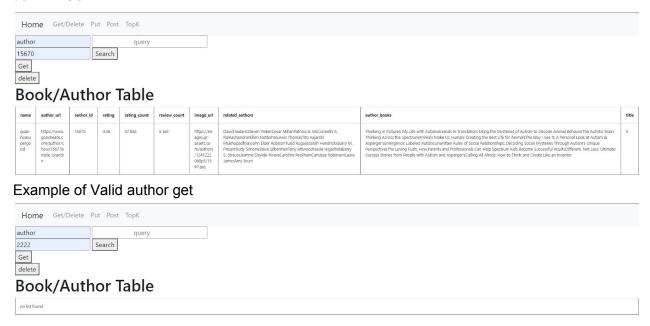
Home Get/Delete Put Post TopK

Get/Delete Put Post Topk button will guide user to different webpage

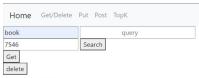


The Navbar will change its

size according to different windows size, and buttons will be shown in a dropped down list



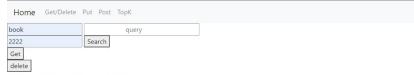
Example of Invalid author get



Book/Author Table

| book_url | title | book_id | isbn | author_url | author | rating | rating_count | review_count | image_url | similar_books |
|--|---|---------|-------------------------------|---|--|--------|--------------|--------------|---|---|
| https://w ww.good reads.co m/book/ show/75 46.Cesar_ s_Way | Cesar's Way: The Natural, Everyda y Guide to Underst anding and Correcti ng Commo n Dog Problem s | 7546 | 978 030 733 733 7 | https://ww w.goodrea ds.com/aut hor/show/5 110.Cesar_ Millanhttps: //www.go odreads.co m/author/s how/s142 5.Melissa_J o_Peltier | Cesar Millan Meliss a Jo Peltier | 3.75 | 10315 | 1216 | https://i.g r- assets.co m/images /5/compr essed.pho to.goodre ads.com/b colks/1388 182258I/7 546.jpg | The Other End of the Leash: Why We Do What We Do Ancurd DogsThe Fower of Postive Dog Taining Revolution. The Complete Guide to Raising the Perfect Pet with Level the Art of Raising a Repulsion. The Complete Guide to Raising the Perfect Pet with Level the Art of Raising a Repulsion. The Complete Guide to Raising the Perfect Pet with Level the Art of Raising a Repulsion of Level Complete Guide to Raising the Perfect Pet with Level Perfect Pet with Level Perfect Pet Willing Cooperation. The Raising a Repulsion and Art of Level Pet |

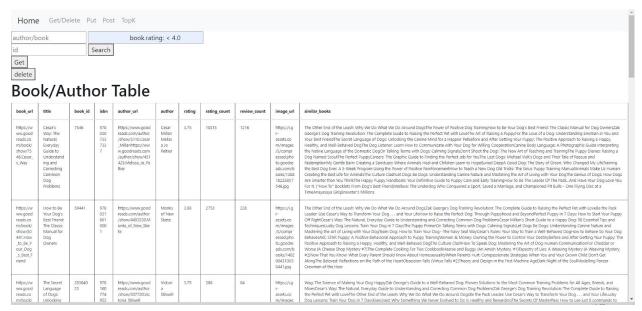
Example of valid book get



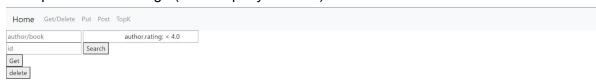
Book/Author Table

no list found

Example of invalid book get



Example of Valid book get(search query function)



Book/Author Table

| name | author_url | author_id | rating | rating_count | review_count | image_url | related_authors | author_books |
|------------------------------|--|-----------|--------|--------------|--------------|--|--|--|
| Victor ia Stilwe II | https://ww w.goodread s.com/auth or/show/50 7720.Victori a_Stilwell | 507720 | 3.99 | 1,868 | 226 | https://im ages.gr- assets.co m/authors /1388300 216p5/50 7720,jpg | Bill Byponikoginald Hill Patrico B. McConnell Öven Balleyötere Mannihatrick Radden Keefken NapolitanoZase Foddharile Tanskilason Reprodoffim Westert kinoversider Warzeitscham interhatham k. Pjelafik. Ferrowike/in Floretatien Mccenny Purmodkage MantheadZak Georgebrandon Not/Milan-Cabbie Tungtalia Höbert | It's Me or the Dog: How to Have the Perfect Pictinain Your Dog Prostively. Understand Your Dog and Solve Common Behavior Problems including Separation Annels, Discosine Barrian, Aggression, Housethaming, Leath Pulling, and Merell'the Servet Language of Dogs; Unificing the Camine Mind Cell and page lettle Uniform Godde Residing Applies Host Talan and Celler Your View Poors; Mind To Dogs that Dog Sim How To Love A Healthy, Happy Retifice Uniform Godde Residing and Expert View Celler Dogs Ann 4-to 2-Primare For Dog Lovers of All Agert Ballang with Dogs and Cats. Joining the Convession to Improve Behavior and Bond with Your Animal-Good Dogs Practical Animen to Behavior Questions |
| Jan Fenn ell | https://ww w.goodread s.com/auth or/show/11 4020.Jan_Fe nnell | 114020 | 3.9 | 1,698 | 163 | https://im ages.gr- assets.co m/authors /1263416 806p5/11 4020.jpg | Vacios SmilCesar MillanMarian KeyesWilliam GoldmanPatricia B. McConnelfangie Rayyord Sierra i FabraGoven Bellegithan N. RasielCasandra Clarelessoa HundleyWilliam H. McKentencuse Cardintidashen Bedesdander Casartiare Kaimsolive Bildoughalec Laidet D. Ronaldfalyor Ammetrongiadoson Galayana-Lou Westherleydam M. Cardicthorder Esternietal PetoNiyel RedStart Turtentias Gay/Forence GuertMichael Cohen | The Dog Listener Learn How to Communicate with Your Dog for Willing CooperationThe Practical Dog ListenerThe Puppy ListenerThe Seven Ages of Mari's Best Triends. A Comprehensive Guide for Carring for Your Dog Through All the Stages of Listener Li |

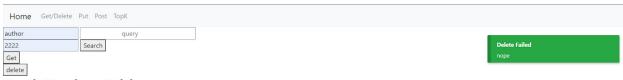
Example of Valid author get(search query function)

| author/book | | | author.rating: > 5 |
|-------------|---|--------|--------------------|
| d | S | Search | |

Book/Author Table

no list found

Example of Invalid get(search query function)



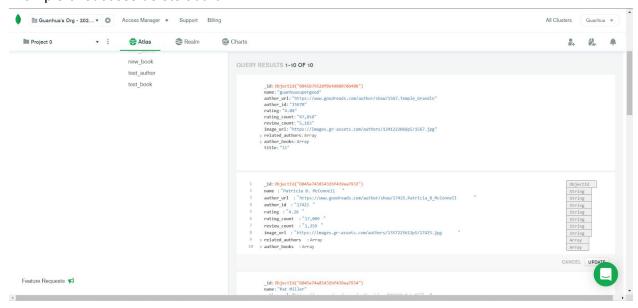
Book/Author Table

Example of delete author failed

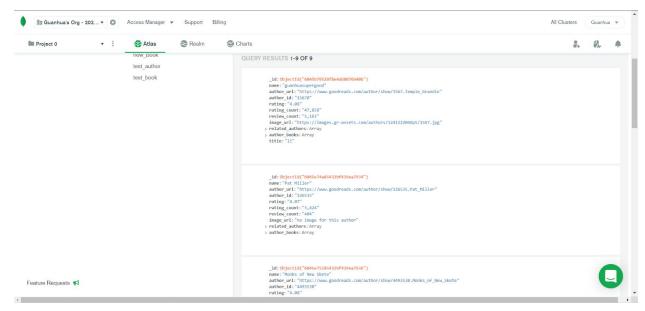


Book/Author Table

Example of success delete author



Before delete

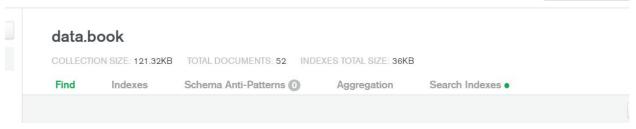


After delete



Book/Author Table

Example of successful delete a book

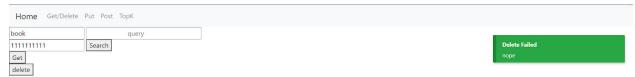


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Before delete

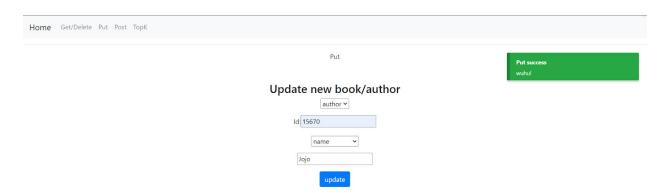


After delete



Book/Author Table

Example of delete book failed



Example of put(update) author name success

```
_id: ObjectId("6045b79528f8e4d68076b40b")

name: "guanhuasupergood"

author_url: "https://www.goodreads.com/author/show/1567.Temple_Grandin"

author_id: "15670"

rating: "4.08"

rating_count: "47,858"

review_count: "5,163"

image_url: "https://images.gr-assets.com/authors/1241222068p5/1567.jpg"

> related_authors: Array

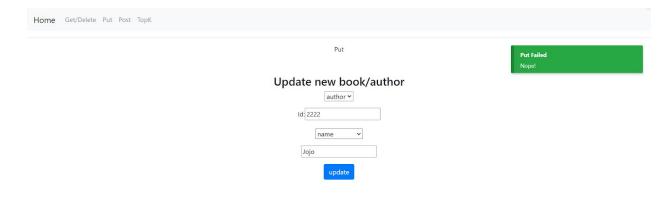
> author_books: Array

title: "li"
```

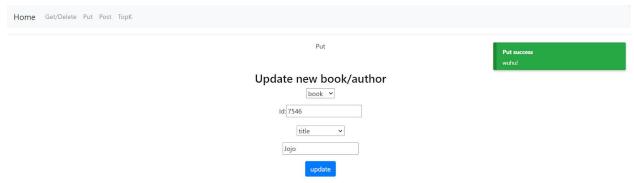
Before update

```
_id: ObjectId("6045b79528f8e4d68076b40b")
name: "Jojo"
author_url: "https://www.goodreads.com/author/show/1567.Temple_Grandin"
author_id: "15670"
rating: "4.08"
rating_count: "47,858"
review_count: "5,163"
image_url: "https://images.gr-assets.com/authors/1241222068p5/1567.jpg"
> related_authors: Array
> author_books: Array
title: "li"
```

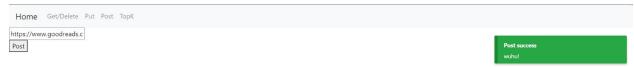
After update



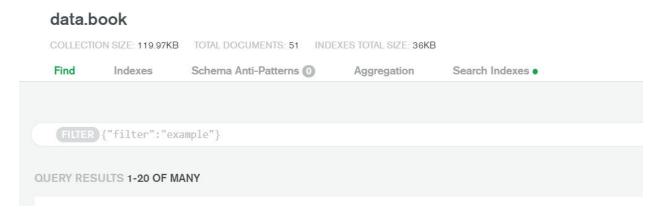
Example of put author name failed



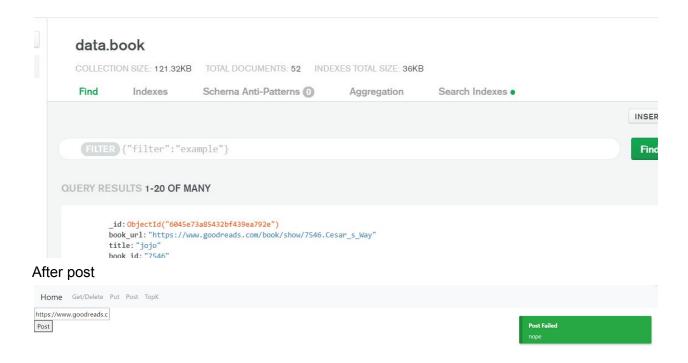
Example of put book title success



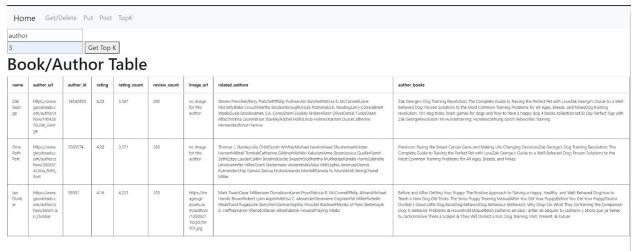
Example of post book success



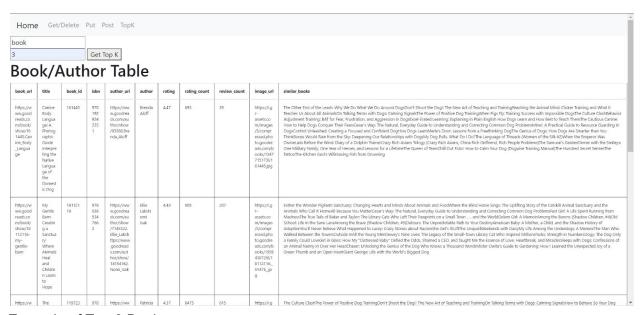
Before post



Example of post book failed(invalid url)



Example of get top 3 authors according to rating



Example of Top 3 Book

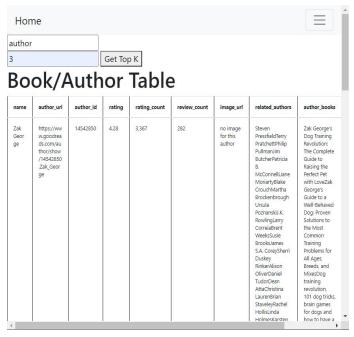


Table can also be resized according to windows' size