

Team Number: 011-6

Team Name: JAAAC

Members: Cody Aker, Al Haddad, Anna Rahn, AJ Sullivan

Title: NextPage

Project Description: NextPage aims to provide fresh new book recommendations for its audience. Users can filter by genre and search for specific titles to find literature that suits their particular interests. To get started, NextPage will ask the user to create an account. If the given username does not already have an account stored in the database, then the user can save their username and password and select their preferred genres. Upon login, the user will be directed to the home page. This page shows the user the top ten books from the books database.

Upon clicking the profile picture in the top right corner, the user is shown a list of options: home, user profile, recommendations, search, and logout. The user profile page displays a personalized welcome message and allows the user the option to logout, which can help protect the account's security. The recommendations page shows the top ten books by default, but allows the user to select a specific genre they would like to have shown. The search page allows the user to type in a book title or subject, then will display all books in the database that contain the given query. We hope these features will allow our audience to expand their reading hobbies by finding fun new titles.

Project Tracker:

<https://csci-3308-spring22-202-6.atlassian.net/jira/software/projects/TV/boards/1/backlog>

The screenshot displays the Jira Software interface for a project named 'TeamValor-011-6'. The left sidebar shows navigation options like 'Roadmap', 'Backlog', 'Board', and 'Code'. The main area shows the 'Backlog' with 14 issues. The issues are listed with their IDs, titles, and current status. The status is indicated by a colored circle: green for 'TO DO', blue for 'IN PROGRESS', and grey for 'DONE'. The issues are as follows:

Issue ID	Issue Title	Status
TV-2	As a new user I want the information to be inserted into the users database when clicking Submit	IN PROGRESS
TV-11	Create and implement a hashing function to store user passwords	TO DO
TV-18	Make sure the password matches the confirm password	IN PROGRESS
TV-19	Standardize the headers and footers on each page using partials	IN PROGRESS
TV-20	Ensure password meets security requirements	IN PROGRESS
TV-21	User profile page shows the user's name	IN PROGRESS
TV-22	Recommendation page shows the user's preferred genre	TO DO
TV-23	Recommendation page shows books within user's preferred genre	TO DO
TV-24	When user saves a book, it is appended to their saved books list	TO DO

We felt that for a project of this scale and size we did not require a project management tool. Our biweekly meetings were sufficient for dividing work and ensuring that we were on track. As a result, our JIRA board screenshot and link will reflect the point in time we decided to use our time for higher-priority tasks instead.

Video:

https://drive.google.com/file/d/1cfTVJXsh41_TKeMKaIyTEAWaYH91_V_E/view?usp=sharing

Version Control System: <https://github.com/cub-csci-3308-spring-2022/lab3-011-team6>

Contributions:

Cody Aker: I wrote the API request for the /recommendations page and helped set up the HTML for it before we moved it over to ejs.

```
C:\Users\clake\lab3-011-team6>git log
commit 261e00461b4f2d1056dcff1d7d9729a163661332 (HEAD -> Cody, origin/Cody)
Merge: 6144f09 cbcedc5
Author: Cody Aker <coak6104@colorado.edu>
Date: Wed Apr 13 13:29:12 2022 -0600

    d

commit 6144f09f3c3b3c3bcfe8185bace1c8d5a466819aa
Author: Cody Aker <coak6104@colorado.edu>
Date: Wed Apr 13 13:24:46 2022 -0600

    some more

commit cbcedc5f1cafe89597e5dc8e80d83cac75cf6263
Author: alhaddad465 <94558575@alhaddad465@users.noreply.github.com>
Date: Wed Apr 13 13:24:45 2022 -0600

    Update server.js

commit 69552ec1ca930aa75455ff1d4251fb7lead9a70
Merge: 193976a 57ac98b
Author: annalrahn <89661382@annalrahn@users.noreply.github.com>
Date: Wed Apr 13 12:57:44 2022 -0600

    Merge pull request #17 from cub-csci-3308-spring-2022/anna
    search page done

commit 57ac98b87c304e06676bf2d2d75d785c12c473 (origin/anna)
Author: Anna Rahn <anra8571@colorado.edu>
Date: Wed Apr 13 12:57:00 2022 -0600

    search page done

commit 5b9c5b1a7f40b8d84a5aace93a12e07bd0059b35
Author: Cody Aker <coak6104@colorado.edu>
Date: Wed Apr 13 12:38:06 2022 -0600

    improved but not done

commit aac5d335fdee7e73030b61785ae3c4314f660c75
Merge: 38d5283 193976a
Author: Cody Aker <coak6104@colorado.edu>
Date: Wed Apr 13 12:15:46 2022 -0600

    new
```

```
commit 38d5283fddffba5dc637857428093880a23cd066
...skipping...
commit 261e00461b4f2d1056dcff1d7d9729a163661332 (HEAD -> Cody, origin/Cody)
Merge: 6144f09 cbcedc5
Author: Cody Aker <coak6104@colorado.edu>
Date: Wed Apr 13 13:29:12 2022 -0600

    d

commit 6144f09f3c3b3c3bcfe8185bace1c8d5a466819aa
Author: Cody Aker <coak6104@colorado.edu>
Date: Wed Apr 13 13:24:46 2022 -0600

    some more

commit cbcedc5f1cafe89597e5dc8e80d83cac75cf6263
Author: alhaddad465 <94558575@alhaddad465@users.noreply.github.com>
Date: Wed Apr 13 13:24:45 2022 -0600

    Update server.js

commit 69552ec1ca930aa75455ff1d4251fb7lead9a70
Merge: 193976a 57ac98b
Author: annalrahn <89661382@annalrahn@users.noreply.github.com>
Date: Wed Apr 13 12:57:44 2022 -0600

    Merge pull request #17 from cub-csci-3308-spring-2022/anna
    search page done

commit 57ac98b87c304e06676bf2d2d75d785c12c473 (origin/anna)
Author: Anna Rahn <anra8571@colorado.edu>
Date: Wed Apr 13 12:57:00 2022 -0600

    search page done

commit 5b9c5b1a7f40b8d84a5aace93a12e07bd0059b35
Author: Cody Aker <coak6104@colorado.edu>
Date: Wed Apr 13 12:38:06 2022 -0600

    improved but not done

commit aac5d335fdee7e73030b61785ae3c4314f660c75
Merge: 38d5283 193976a
Author: Cody Aker <coak6104@colorado.edu>
Date: Wed Apr 13 12:15:46 2022 -0600

    new
```

Al Haddad: I set up the docker-compose files and got the server running. I wrote the HTML for the login, registration, and profile page. I set up the API requests for the login, registration, and profile page. I configured the server.js file to properly reference the database I setup in docker-compose. I set up the databases for the users and rearranged the github so that docker could use our html/ejs and sql db creation files. Lastly, I wrote all the javascript in scripts.js (in the js folder).

Anna Rahn: I managed our JIRA board, found our dataset, set up our databases and the server.js file, populated our books database, wrote the HTML structure for the users page and updated several pages to EJS files, wrote the API requests for the home, search, and user profile pages, linked our pages in the navigation bar, set up our partials (the header and book cards), and wrote our test cases.

```

PS C:\Users\anna\lab3-011-team6> git log --author="anna"
commit a4a8dd6651622ac99783b10e99663aa3196abec
Merge: e6a9a4 c12e2ea
Author: annalrahn <89661382+annalrahn@users.noreply.github.com>
Date: Tue Apr 12 18:16:02 2022 -0600

    Merge branch 'main' into anna

commit c12e2ea437b7762b6a5bdad747aab8a367cfb2fa
Merge: 26086dd 83ba630
Author: annalrahn <89661382+annalrahn@users.noreply.github.com>
Date: Mon Apr 11 02:55:50 2022 -0600

    Merge pull request #13 from cub-csci-3308-spring-2022/anna

    adding project milestone 5

commit b4c6d2b95e37c7438ae31f100a3c58039e34e201
Merge: 87b6177 674ced
Author: annalrahn <89661382+annalrahn@users.noreply.github.com>
Date: Sun Apr 10 14:03:04 2022 -0600

    Merge pull request #12 from cub-csci-3308-spring-2022/anna

    adding test cases and updating nav bar

commit 87b6177fc11a23f89004b7aade2bd84ffc965aa1
Merge: f72e65a b29ba28
Author: annalrahn <89661382+annalrahn@users.noreply.github.com>
Date: Sun Apr 10 11:11:50 2022 -0600

    Merge pull request #11 from cub-csci-3308-spring-2022/anna

    Anna

commit 34b6405260f007351b467f3c960369daec5f015e
Merge: 87ce0ee 3524b05
Author: annalrahn <89661382+annalrahn@users.noreply.github.com>
Date: Sat Apr 9 20:10:37 2022 -0600

    Merge pull request #10 from cub-csci-3308-spring-2022/anna

    commenting some files for individual contributions

commit 2820adfdb89049b05b6b38eb7064e6c8c4b1fb88
Author: annalrahn <89661382+annalrahn@users.noreply.github.com>
Date: Sun Mar 20 18:21:53 2022 -0600

    Adding project milestone 4

commit 92588fcc6cd8d5df145bc09ad1310440f6668632 (main)
Merge: 3ff4476 d5a43ac
Author: annalrahn <89661382+annalrahn@users.noreply.github.com>
Date: Fri Mar 18 01:17:48 2022 -0600

    Merge pull request #4 from cub-csci-3308-spring-2022/ajsullivan

    ajsullivan

commit b8076da9ca954543abafe5067c63f8fd1b777fe
Author: annalrahn <89661382+annalrahn@users.noreply.github.com>
Date: Sun Mar 13 16:20:05 2022 -0600

    update project milestone 3 file

commit 5c16da73ac531b61b2f9e268cd2e061e56aa70dd
Author: annalrahn <89661382+annalrahn@users.noreply.github.com>
Date: Sun Mar 13 16:19:14 2022 -0600

    Delete ProjectMilestone3_06.pdf

commit a6f9c016b979980dab55dd3ae591673fac5dbd48
Author: annalrahn <89661382+annalrahn@users.noreply.github.com>
Date: Sun Mar 13 16:15:24 2022 -0600

    Delete ProjectMilestone3_06.pdf

commit bbf9408092b79b884b5693181f56314e06974ba
Author: annalrahn <89661382+annalrahn@users.noreply.github.com>
Date: Sun Mar 13 16:15:14 2022 -0600

    Adding the HTML for the profile page

    - Has navigation bar
    - Has options for updating preferences, viewing saved works, and changing settings
    - Pages are not linked yet

commit 5f4bcc1290d6adbc318dc899ae8f827c2e7783b1
Author: annalrahn <89661382+annalrahn@users.noreply.github.com>
Date: Tue Feb 22 17:50:33 2022 -0700

    Adding book dataset

commit 68c0c5f46f1f7abcb86dcf934cfe100451aca72
Author: annalrahn <89661382+annalrahn@users.noreply.github.com>
Date: Tue Feb 22 17:49:31 2022 -0700

    Add files via upload

```

Abigail Sullivan: I wrote the API for the recommendations genre recommendation and the ejs for the dropdown selection. I wrote the HTML for the homepage and standardized the HTML across all the other HTML pages. I wrote the navigation bar and added the dropdown navigation as part of this standardization. I also added test cases to the server.spec.js.

Deployment: The user should download the source code from the repository linked above. Then, from the code-stuffs folder, they can run the terminal command “docker-compose down --volumes” to shut down old containers and “docker-compose up” to build NextPage’s databases and connect to localhost. After the user navigates to their preferred browser, they can type “localhost:3000/register” to access the application, create their account, and start finding new books.