Team Number: 011-6

Team Name: JAAAC

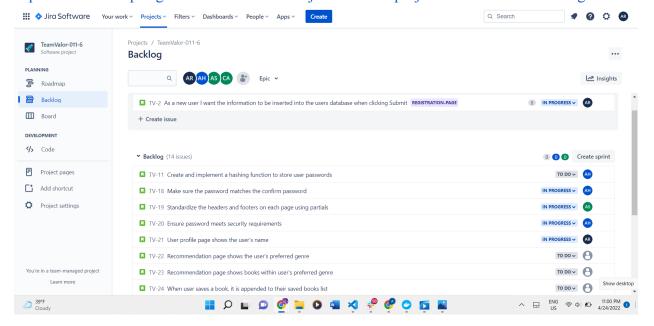**Members:** Cody Aker, Al Haddad, Anna Rahn, AJ Sullivan

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

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.

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\annal\lab3-011-team6> git log --author="anna"
commit a440ddd66516c2ac99783b10e99663aa3196abec
Merge: e6aa0a4 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 674ceed
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 3524b95
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
```

```
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 b8076da9ca954543abafe5067c63f8f0d1b777fe
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 16:19:43 2022 -0600

    Delete ProjectMilestone3_06.pdf

commit a6f9c016b979980dab55dd3ae591673fae5dbd48
Author: annalrahn <89661382+annalrahn@users.noreply.github.com>
Date:   Sun Mar 13 16:15:24 2022 -0600

    Delete ProjectMilestone3_06.pdf

commit bbef9408092b79b884b5693181f56314e06974ba
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>
```

```
    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 68c0c5f46f1f7abcb86dccf934cfe100451aca72
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.