Iteration 4

Ball State Regalia Share Application

Team Member Information

- Evan Mitchell
- Brevin Wittmer
- Collin Stiner
- Nick D'Agostino

Client Information

- Graham Watson
  - Graham Watson is the web development manager for the Center for Business and Economic Research at Ball State University. He develops websites and web applications for CBER, the Miller College of Business, and the Muncie community. A graduate of Ball State University, he earned a bachelor's degree in computer science.
- Melinda Messineo
  - Melinda Messineo joined the Department of Sociology at Ball State in 1999. Professor Messineo received her degrees from the University of California, Riverside, her MA and PhD in sociology. Professor Messineo's current research focuses on race, class and gender in the media and the scholarship of teaching and learning. Dr. Messineo currently teaches courses in the sociological of media, research methods, internship, and the sociology major capstone

Mentor Feedback

- Keith was happy with the progress we had made on the application since our last meeting.
- He liked our messaging system and thought it was set up well.
- Keith said that we should continue working on the CSS to ensure all pages are responsive.

Mentor Software Experience

- Keith said that he liked the look of our application
- His main points for us to work on:
  - We should focus on the responsiveness as he viewed our app from his phone, and it isn't completely mobile friendly
  - The lack of back buttons makes it harder to navigate, and we should use more
  - Certain UI elements are cluttered, i.e the dashboard, and they should be streamlined for a friendlier experience

Client Feedback

- Overall, Graham was happy with our progress and liked how we were able to create a message when a reservation is confirmed.
- He wants us to make the routes for certain actions like editing and sending a message protected as anyone can access these routes right now.
- He wants us to turn most of our focus to the SSO and finishing that as it's the most important feature he wants completed.

Client Software Experience

- Graham liked the look, and the feel of our application
- Some pointers that he gave:
  - We should continue adding back buttons as there are still some pages without them
  - On the Dashboard:
    - We should remove unnecessary elements, i.e the profile panel, the messages panel, and redundant links to the same page
    - We should allow for users to list new items right from the dashboard instead of having to navigate the myItems page
  - Labels should be consistent throughout a specific section of the app, i.e on the index page for myItems there is a symbol, that symbol should be on all pages related pages related to myItems
  - When viewing loaned items, there should be an 'all' option that will list everything
  - There should be different icon colors for flags, i.e viewed [open and gray] and unviewed [closed and red] on the message entity for easier differentiation

Senior Symposium

- We can show everything, just nothing confidential, i.e passwords, or hashing keys
- Graham believes that we can show the BSU logo, as this program will be hosted on BSU resources

Documentation

https://github.com/ndd99/academic-regalia-loan-app/blob/master/Documentation/User.md

Iteration 5 features

- Functional:
  - Update the dashboard for ease of use
    - Add items from homepage
  - SSO authentication
- Non-Functional:
  - Streamline UI elements
    - Dashboard
    - Finalize responsiveness
  - Restrict methods to certain criteria
    - I.e. if approving a reservation, only the item owner can approve it
  - Add Doc-Comments for maintainability

Teamwork

Brevin - Reworked the backend of the messages feature, to tie approved reservations with a message. Added methods to the messagesController to reflect the new attributes within the messages entity. Refactored all tests to fit CakePHP standards, and implemented tests that the prior group didn't.

Evan - Add table of contents to user guide, create email pages for reserving an item and for when a user receives a message. Implement auto-deployment through AWS. Worked on making pages more responsive.

Collin - Implemented message filter for viewed and unviewed messages, fixed our docker file to work with new file structure, worked on fixing responsiveness issues on pages such as view item, and reworked item filter to work with current ENUM for item special type.

Nick - Continued implementation of SSO. exposed the SimpleSamlphp dashboard which was an issue in the last iteration. Began the process of debugging the cakephp simplesaml plugin as some some functions are not functional.

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