



# GATOR JOE'S

Team 13

## Milestone 3 Review Summary

CSC 648-848 Fall 2019 Sec 02

Date: 11/12/2019

### **Summary of feedback:**

- Proper enforcement of coding style needed with header comments, in-line comments, proper variable names, and indentation.
- Dynamic homepage that adapts to users being registered or not. Larger tabs, more spaced out on navbar. Homepage should also include a brief description of what website is about.
- Search results should display count at the top. Category dropdown should stay persistent after searches.
- 'Buy Textbooks' feature should be placed below search bar and utilize a separate database specific for books.
- Product information should be displayed on messages.
- Listings on homepage should be less wide to pack more into the screen.
- 'GJ' on navbar should be larger and appear more like a logo.
- Results page can stay as single columns but should greatly improve use of empty space.
- Images are not displaying properly.
- Selling pages should have a title as well as a cancel button next to submit.
- Book buying functionality should be able to search by department only.

Strongly advised to focus on home, search, results, message, post, login, and registration pages and functionalities. Everything else suggested for lower priority and putting the project on feature freeze. At the time of M3 deployment, no administrator functionality has been implemented, instructor strongly advises administrator functionality to be moved to SQL workbench.

### **Software review feedback:**

- GH organization is fine. Template folder could use more structure. Not much usage of branching.
- Commit messages are fine, the messages sometimes can be vague and don't really describe what the commit is about. Commit counts are OK, some members a way behind in contribution.
- Code looks fine, comments are present for functions and header comments are present. Be careful of how big the routes fill will become.
- MVC/OO patterns followed up
- Python flask app installed and working though wsgi.
- Database looks good, tables are well defined.
- Blobs are being used, images are currently not being shown
- Passwords are encrypted, could not find input validation.
- Pages load fine, could not find any thumbnails.

### **Tasks chosen by the team to focus on and implement:**

General feedback will be taken, and coding style has been decided on python standard PEP-8. HTML coding style will follow standard spacing and formatting that can be automatically executed by every team member's PyCharm environment. In addition, commenting will be enforced more, especially for back-end files that feature more complex functions and logic.

Although instructor advised our team to move administrator functionality to SQL workbench, team has agreed to wait on authentication implementation before deciding to move administrator out of project scope. Depending on the familiarity of our authentication set-up, we may still be able to implement administrator functionality into our project.

Image and thumbnail implementation had not been completed by the milestone 3 due date. After the feedback and meeting, this is our top priority for the back-end team to implement. Other back-end tasks to be put on hold until images are finished.

Immediately following image integration will be the back-end implementation of login and registration. The back-end team has already begun working on password encryption and the functions themselves can be completed within a week's time.

Image and user authentication are the main tasks that the back-end must complete. Following those, we need back-end implementation for messaging, search sorting, category browsing and administrator functions.

Front-end tasks primarily include validation and navbar changes with minor fixes following the feedback received. Form validation will be a primary focus for our selling forms, registration and login. As the feedback suggested, the project's navbar will be heavily revised to feature larger button links, a book search and larger logo.

After navbar and validation are finished, our top priority will be messaging and administrator pages. UI additions for sorting, category browsing and viewing a user's own listings will also need to be implemented.

These tasks will meet our criteria from the milestone 3 feedback and allow us to focus on priority 2 functions.

## **List of P1 functions agreed at the meeting:**

### **Unregistered Users:**

Users shall be able to view listings.

Users shall be able to browse all active listings.

Users shall be able to sort by price.

Users shall be able to search for books by SFSU courses.

Website shall display the 12 most recent listings on the homepage.

Website shall display thumbnails in condensed previews.

Website shall display larger images in the corresponding listing pages.

Users shall be able to register.

Users will only be prompted to register when attempting to buy and sell.

### **Registered Users:**

Registered users shall be able to post listings.

Registered users shall be able to buy listings.

Registered users shall be able to view their active listings.

Registered users shall be able to log in and log out.

Registered users shall be able to send and receive messages.

### **Admin Users:**

Administrators shall be required to approve listings.

Administrators shall be able to deny listings.

Administrators shall be able to delete users.