

# Milestone 3 review: Review Summary

## Spring 2018

**Summary and plans (to be filled out by the team after M3 review meeting and submitted with Milestone 5 documents)**

**Team: 2                      Date: 7/25/18                      Number of students present: 6**

### 1. *UI and functionality feedback*

- Home page
  - Move CSC648 disclaimer to be above navigation bar
  - Logo needs to be more visible
    - Link to *Home* page
  - Delete *Home* button in navigation bar
  - Add *Upload* button to navigation bar
  - Put logo and project name on *Home*
  - Delete *Trending* gallery
  - Show many images on the *Home* page
  - Add website motto: “Royalty free images for students”
- Search (including search field validation)
  - Persistent search bar. Search values are transferred from search page to result page.
- Search results
  - Only show approved images
  - Re-align image grid
  - Result counter
  - No Descriptions
  - When result image is clicked it goes to a new tab with:
    - Image Name
    - Image
    - Download button
      - On click, check if logged in
        - Logged in: Download
        - Not logged in: Sign in or Registration
          - After completion, redirect back to the image page

- Filtering
  - Remove “Filter by” and just say “All” by default in category selector
- Registration
  - Make title more noticeable
  - Define what is mandatory
  - Explain why DOB is asked
  - Move terms & conditions above sign up button
  - Make input fields less long
  - CAPTCHA
- Upload
  - Put *Upload* title at top of page
  - Image name field
  - Category Selector
  - Optional Description
  - Browse computer for image to upload
  - Submit button
  - Cancel button
  - Admin approval disclaimer
  - Generates Thumbnail upon upload and stores it in DB
- Admin dashboard
  - 3 Tabs with sortable tables
    - Users
      - List of users
      - Option to delete any user
    - Approved Images
      - List of Approved Images
      - Ability to view any image in a pop-up
      - Option to delete any approved image
    - Pending Images
      - List of Pending Images
      - Ability to view any image in pop-up
      - Option to approve or delete any pending image

## ***2. Feedback on coding style, GitHub, database etc.***

- Git/GitHub organization (e.g. organization of branches)
  - Structure looks good and clean. Branch names and their purpose are not well defined. Not a huge issue though.
- Git/GitHub usage: Comments on posting; Number of posting to GitHub; Appr. even distribution of submissions among team members (check GitHub post stats for all members)
  - Commit messages could be better, a lot of duplicate or non-descriptive messages. Commit counts are not overly slanted towards one member.
- Code documented (header, in code) with good coding style
  - Code could use more comments. Some header comments do exist.
- MVC/OO patterns followed up
  - Followed for the most part. Must watch and see how app.py grows over time. But in terms of MVC this seems to be the controller. Views are present, Models to seem to be well defined.
- Frameworks (back end front end) deployed correctly
  - Working and installed flask/python
- Database organization (tables, naming...)
  - DB tables look good, table columns could use some work. Something like Gender doesn't need to an int that's non-nullable. Just some things to think about.
- Blobs being used? If so, is it working?
  - No BLOBS, paths used.

- Adherence to best practices of security (PW encrypted, search inputs verified etc.)
  - PW not encrypted ATM
- Efficiency (proper use of image thumbnails, efficient search etc.)
  - Looks good for now.

### 3. *Feedback on Project status*

- a) *Teamwork*: Complaints have been received from members of the team regarding Xisheng “Sam” Zheng. Complaints include disrespectful behavior and lack of progress in his portions of the project.
- b) *Risks*: Xisheng “Sam” Zheng has not learned the Front-End tools/languages (Jinja, HTML, CSS, etc.) sufficiently enough to complete his portions of the work.
- c) *Coding practices*: Conventions have been agreed upon. Code formatting is done by the IDE each member uses. In-code comments still need to be added.
- d) *Usage of proper SE code management practices*: Team members branch off of the dev branch, complete their task/feature, request a review/test of their code (which is done on the live server by switching to the member’s branch). After the code is considered complete, it is pulled up to the dev branch. At points in time when the dev branch is deemed stable, the code is pulled up to the master branch.
- e) *How did you address site security and safe coding practices*: Passwords have not been encrypted yet. Search bar has been checked for vulnerabilities and has been fixed. All other fields, as of 7/28/18, have not been verified for safe use.
- f) *Digital content*: Images of the following formats can be uploaded: .jpg, .jpeg, .png. The image size can be no larger than 20MB. Images are put into a table of pending images that require the review of the admin before being made public on the website.

#### 4. *List of committed P1 functions*

- Home page
  - Add *Upload* button to navigation bar
  - Put logo and project name on *Home*
  - Show many images on the *Home* page
  - Add website motto: “Royalty free images for students”
- Search bar
  - Persistent search bar. Search values are transferred from search page to result page.
- Search results
  - Only show approved images
  - When result image is clicked it goes to a new tab with Image Info
- Image Page
  - Image Name
  - Image
  - Download button
    - On click, check if logged in
      - Logged in: Download
      - Not logged in: Sign in or Registration
        - After completion, redirect back to the image page
- Registration
  - Define what is mandatory
  - Explain why DOB is asked
- Upload
  - Put *Upload* title at top of page
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  - Category Selector
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  - Admin approval disclaimer
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- Admin dashboard
  - 3 Tabs with sortable tables
    - Users
      - List of users
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    - Approved Images
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      - List of Pending Images
      - Ability to view any image in pop-up
      - Option to approve or delete any pending image
- Login Page
  - Username and Password fields
  - “Forgot password?” button
  - “Not signed up? Register” button
- Code
  - Better commit messages
  - Better in-code comments

## **5. *Action items***

All points in the section above are being/have been completed