Milestone Project 4: Data-Centric Development

User Stories

1. As a reader, I would like to be able to read stories, preferably without signing in.
2. As a reader, I would like to see the ratings by other people to decide which story I would like to read.
3. As a reader, I would like to get suggestions based on previous searches; for example if I searched for Harry Potter stories last time, please show me the most popular/recent Harry Potter stories when I visit next. I understand I'll have to log in to save this.
4. As a reader, I would like to be able to filter stories by fandom, genre, character, rating,…
5. As a reader, I would like to give feedback for stories. I understand I'll have to sign in to do this.
6. As a reader, I would also like to rate stories when I give feedback.
7. As a writer, I would like to easily add new chapters / stories.
8. As a writer, I would like to be able to change already-uploaded chapters too, in case I find a mistake or typo that needs to be corrected.
9. As a writer, I would like to be able to upload a cover image for my story. If I don't have a cover image, please insert a placeholder.
10. As a writer, I would like to receive any feedback in email so I don't always have to check the site for new posts.
11. As a writer, I would like to be able to add a keyword (new genre, new fandom,…) if the one applicable to my story isn't listed yet.
12. As a writer, I would like to know how many times my story has been read. Visualisation (statistical graphs) would be also be nice for this. Perhaps a dashboard for each author, to be accessed on sign-in?
13. As an admin, I would like to be able to suspend or block users who don't follow the terms and conditions, for example those who post spam or don't follow the guidelines for appropriate conduct.
14. As an admin, I would also like to see graphs for usage of the site: number of total stories, number of stories/chapters added this week, number of users (total and average), division of anonymous and signed-in visits…

Guidelines for Appropriate Conduct

1. General Guidelines

    a. Always be respectful. Basically, the Golden Rule applies here: You wouldn't want someone to treat you badly, so don't do it to others either.

    b. Cyberbullying will not be tolerated and will result in an instant ban.

    c. We won't reveal your private information (email address, DOB, country) to anyone else.

2. Feedback

    a. Constructive criticism is welcome, destructive criticism is not.

    b. The Feedback section is not the place to push your own stories. Please limit the comments only to the story you're commenting on. Do not ask others to read your stories just because you commented on theirs.

    c. Likewise, spam messages will be removed and may result in a ban if warnings are unheeded.

    d. If you feel a certain story has been wrongly rated / categorised, please use the report button to allow moderators to check it. The story will NOT be removed while being checked, but if a report is deemed accurate, the author will be contacted to request they adjust the categories as needed.

3. Posting Your Stories

All stories are welcome here, however we would ask you to keep the following guidelines into account:

    a. Please clearly rate your story, especially if it's X-rated, 18+, NSFW. If you're not sure what the rating for your story is, use the "Checked by Moderators" option. Your story won't be published immediately, it will be sent to the moderators for checking and will be published as soon as a rating has been applied.

    b. If your story is a fan fic, please add the required disclaimers as to copyright. A standard disclaimer is pre-programmed in the story submission section; however you are allowed to create a custom one instead. No disclaimer is required for original stories.

DATABASE BUILD_UP

1. SQL

User ID	Username	Password	DOB	Country	Stories Read
Int	String(30char)	String(30char)	Year (int, 4digits)	String(30char)	

Story ID	Title	Author	Summary	Cover image	Genre	Fandom	Disclaimer	Rating	Feedback
					Multi	Multi			

Genre ID	Genre Name

Chapter ID	Chapter Name	Story ID	Content

Rating ID	Rating Name

2. NoSQL (Mongo)
- User
  - ID
  - Name
  - DOB
  - Country
  - Stories Read (list)
  - Stories Posted (list)
    - Story Title
    - Summary
    - Cover Image
    - Genres
    - Fandoms
    - Disclaimer
    - Rating
    - Chapters (list)
      - Chapter title
      - Chapter content (every story must have at least one chapter)
    - Feedback

3. No SQL(Mongo) – multiple collections

- Users {
  - userId: 1
  - username
  - password
  - DOB
  - Country
    }
- Stories {
  - storyId: 1
  - author = username
  - Summary
  - Cover Image
  - Genres
  - Fandoms
  - Disclaimer
  - Rating
  - Chapters: [{
    - chapterId: 1
    - chapter_title
    - chapter_content
      }, {}]
    }

CHOSEN DATABASE MODEL: 3. NoSQL – multiple collections. Hosted on mlab.