

Requirements Document

1.Functional

A list of models that will need to be implemented.

- A model for comments being posted
- A profile model that the user can customize. Their names and passwords will be unique and unmodifiable from admins. They may carry a sort of reputation/rating, with statistics on the number of reviews they have made, along with a avatar picture. A repository for the reviews that they have made will be provided.
- A moderated reviews/comments section with the ability for users to flag for inappropriate content and have them reviewed by a moderator.
- A search model that allows searches for reviews or profiles.
- A home page model that displays the most reviewed/latest released games, along with a poll section.
- A article model that allows the writer to include images, link videos, and access varying fonts for emphasis.
- The poll model will keep count of the number of votes it has, as well as a closing period that the maker can specify. A poll can be scheduled to be released at a certain time, and only a trusted number of people have permission to release a poll.
- Templates to help make the website look appealing.

2.Information

- This being a simple review website, the most that's needed as input from a user would be an image, whether it's for their avatar or their review. Besides that there will be incremental integer values for reputation, number of articles made, a counter for votes in a poll, among other things.
- Users will be able to flag content as inappropriate and have it reviewed by a site moderator. Upon finding content inappropriate the moderator will remove the post and flag the user's account and punitive action will be taken.
- The search functionality will be a text box which will search the review content and return relevant results to the user.
- There will be a home page which will have different tabs/menus that will allow the user to access the most viewed content, newest content, and other popular features.
- The model for a profile would contain fields for the photo being uploaded, some integer fields like their reputation value, a comment that they have posted that was well-received, and a field for the number of reviews that they have posted
- The article model has a many-to-one relationship with the profile model. Meaning that a profile model can have multiple article models, each holding a field of the user, a field that will limit the amount of words to around 5kb.
- There will be a field for a image being uploaded, and it has to be limited to a predetermined size. There will also be a link field, and a video field, which will hold lists of links and videos that the

writer of the article puts up. Finally, any registered user who reads the article may give the article a thumbs-up or thumbs-down. If the ratio to thumbs-ups and thumbs-downs are more in favor of thumbs-downs, the comment will be hidden.

- Comments also has a one-to-many relation to the profile model. There will be a white box at the end of a article, where the user can enter text and submit as a comment. The posted comment will have a date that it was made, along with the name of the user who posted it, and thumbs-up/thumbs-down counters. If the difference between thumbs-up and thumbs is at a certain threshold the comment will be hidden.

3.Physical

- The site will need to be hosted. No other resources will be needed in order for it to function.
- This site will not support mobile devices.

4.Inputs/Outputs

Inputs:

- a. Reviewers can hyperlink other website pages. This takes a word that will be highlighted blue and a link that will be alongside it.
- b. Reviewers can embed videos and photos in their posts as well as adding text.
- c. Reviewers can click the thumbs-up/thumbs-down icon to up or down vote a post.

Outputs:

- a. The site will display the posts that the user requests.
- c. If there is an embedded video then it will be displayed to the user.
- b. The thumb-up/thumb-down will be highlighted when it is selected by the user.

5.Constraints

- The only constraints that we can foresee will be based on the time allocated to complete the project.