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**Milestone 4 More Detailed Description**

JavaCups’

Project group #1

Fall 2019

CEN 4010 Principles of Software Engineering

CritiqueCafé

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| --- |
| **Revision Dates** |
| **1st Submission Date: 11/17/2019** |
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|  |
|  |

**Product Summary**

Our project is called CritiqueCafe, a quick and accessible website for posting your opinions and replying to others. This website will be a great place to rest a community upon, either if you are into movies, games, books, etc. many media forums are available for you to browse. If you need to find a book on the fly, you can use our search function and quickly find any specific reviews on the subject. If you need to tell the world your takeaway from a breathtaking movie, you can easily visit on of our forums and write till your hearts content.

Our Priority functions are:

* Search Function – Ability to search through any of the forums and quickly find what you need
* Post/Reply Function – Ability to post your opinions in forums and reply to others opinions
* Guest login – Ability to quickly login to post without logging into an account
* User login/Registration – Ability to keep user information and post on that account
* User Profile – Ability to flesh out your profile, identifying yourself.

Website Link: <http://lamp.cse.fau.edu/~eortiz2018/Minibb/>

**Usability Test Plan**

**Test Objective:** Upload a forum post to the database, output and save that data into the website for others to reply to.

**Test Plan:**

* Starting Point: Any forums/posts that can be added to, such as URL mentioned below.
* Task to be accomplished: Creating a forum thread/Replying to a forum post (Inputting data and outputting that data to the creator and other End-Users.)
* Intended User:
  + Primary User – End-Users that are going to share their opinions with threads.
  + Secondary users – End-Users that are visiting to view other opinions.
* Completion Criteria: Data shows up in the database, Data appears to other users, Data appears to the user who created it.
* URL: <http://lamp.cse.fau.edu/~eortiz2018/Minibb/index.php?action=vtopic&forum=3>

<http://lamp.cse.fau.edu/~eortiz2018/Minibb/index.php?action=vtopic&forum=4>

<http://lamp.cse.fau.edu/~eortiz2018/Minibb/index.php?action=vtopic&forum=5>

etc.

**Questionnaire:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Very Easy** | **Easy** | **Medium** | **Difficult** | **Very Difficult** |
| **Replying to threads and creating a thread are…** |  |  |  |  |  |
| **Posting images and hyperlinks in a thread is…** |  |  |  |  |  |
| **Locating the area to reply/create a thread was…** |  |  |  |  |  |

**Put a 1 where you would answer.**

**QA Test Plan**

**Test Objective:** Upload a forum post to the database, output and save that data into the website for others to reply to.

**Hardware and software setup:**

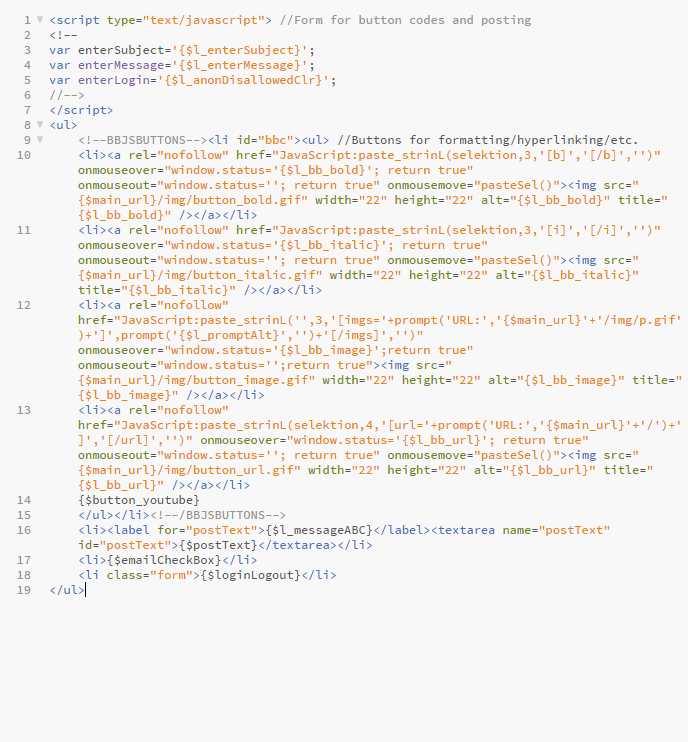
* Working computer with working peripherals
* Any browser
* Database should be online

**Feature to be tested:** Posting/creating threads or replying to threads through the post form at the bottom of either the specific forum screen or a thread.

**Actual test cases:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test #** | **Test Title** | **Test Description** | **Test input** | **Expected corrected output** | **Test results** |
| **1** | **Chrome test** | Inputting a forum post through google chrome. | Great movie & fun to watch! | Great movie & fun to watch! | **PASS** |
| **2** | **Opera test** | Inputting a forum post through Opera browser. | Great game & fun to play! | Great game & fun to play! | **PASS** |
| **3** | **Button Functionality test** | Using most buttons on a single forum post. | [b]Great test![/b]  [i]Fun to test![/i]  [hyperlink] | **Great test!**  *Fun to test!*  [[image](https://thumbs.dreamstime.com/z/portrait-happy-senior-man-thumb-up-16276754.jpg)] | **PASS** |

**Code Review**





**Self-check on security**

**Assets we are protecting:**

* Email
* Password
* IP

**Confirmation on password encryption**:

(Account made in YouTube video [here](https://youtu.be/c2TDHGIJvBc?t=29), password is encrypted in database)

**Input data validation**:

For validating search queries we deal with a multitude of problems, such as dealing with special symbols, or finding the amount of bytes to precisely analyze the text.

Ex of special symbols code:

if(substr\_count($middleTxt, '&')>0){

$tmpArr=explode ('&', $middleTxt);

$last=sizeof($tmpArr)-1;

if ($last>0) {

if (substr\_count($tmpArr[$last], ';')==0) array\_pop($tmpArr);

$middleTxt=implode ('&', $tmpArr);

}

}

This is used to avoid getting rid of the special symbol since we’re scanning through the strings which are mostly letters. This should allow you to be able to search up titles that match correctly with special symbols, such as if you searched Spice & Wolf, it should appear.

**Original Non-functional specs**

**List of non-functional requirements**

1. Available at all times of the day DONE
   1. Downtime should be very minimal; website should be active for the whole day unless server is shutdown for an unknown reason.
2. Ease of us DONE
   1. Quick access to all subjects given to the end-user; Easy and accessible for any skill level.
3. Search should be immediate, as well as comments/replies DONE
   1. Comments and replies should not take over a few seconds to process, no delay to posting an initial comment or replying to a comment.