Core Capability Drive through Report

Team 05 - Meta Nutrition Blog

User Manual

The user manual has been uploaded to the team website. You can find it here.

Concern Logs

Blog Homepage
- Some components are not mobile responsive - High Priority
- Use modals instead of alert boxes - Low Priority

Admin Dashboard
- Minor aesthetic changes to the UI of the admin dashboard - Low Priority
- Ability to search by post title in admin dashboard - High Priority

Article Editor
- Add inline images to body of article - Medium Priority
- Change text color of article - Medium Priority

Record of Demonstration

Summary of Core Capability Drive - Through

The overall experience of the CCD was positive. Our clients Austin and Simone tested all the features of the website.

The CCD began with the clients navigating through the admin panel of the website through which they could add new articles to the database, edit and delete existing articles, search for articles, preview draft articles and other basic admin functionalities like monitoring article statistics such as likes, comments and views, filter and sort articles based on various article attributes. The clients were happy with all the features developed for the admin panel and had some feedback on the editor used to write the articles.

After the admin panel the clients explored the homepage view for the readers of the blog. The search and the filter functionality was explored on the homepage. The search redirected the
client to a new search page where the client could search and filter more articles. Then the client explored the detailed view of an article. In the detailed view page the client also tested the like, comment and share functionality. All the features were acceptable by the client and met their expectations and requirements. They had some feedback on the mobile responsiveness view of the homepage which was noted down by us.

The client was happy with the development of the website so far and all the capabilities met his requirements. There were a few bugs that were encountered and noted down by us.

### Suggestions and Feedback for each capability

#### Admin Side Capabilities

1. **Adding, modifying, deleting articles**
   The client was able to add, modify, and delete articles with ease from the admin dashboard. The website had a low response time and the performance was within the acceptable level. Deletion of articles was successfully performed without the page getting refreshed which confirms with client requirements. So the overall feedback for this capability was extremely positive.

2. **Searching and sorting articles on admin dashboard**
   The client was able to sort the list of articles based on the number of likes, comments, and title. So the feedback for sorting articles was positive. While searching for articles, the search query failed in some cases (while searching on title) and the corresponding articles were not displayed. The reason for this bug was immediately identified and it has been fixed. So the overall feedback for search capability was not very positive.

3. **Customising blog content in markdown editor**
   The client was able to use the markdown editor with ease. He was able to add images, change font size, change text styles as per requirement. He suggested that we add features such as resizing images, changing text colour, and having text wrap around images. The team is currently looking into implementing these features.

4. **Logging in and out**
   The login and logout feature was built as per the requirement and the overall feedback was positive.

#### User(blog visitor) Side Capabilities

1. **Navigating the website**
   The client was able to navigate through the user side website with ease. He was able to filter the posts based on different categories. He was also able to search for articles and navigate to the detailed page without any delays. The user interface had been built exactly as per the wireframes provided by the client. Some parts of the homepage were not mobile responsive. Overall, the client was impressed with the user experience on the homepage.
2. **Liking and commenting on posts.**
   The client was able to click the like button to like a post from the detail page. The client was able to comment on the post. When the client clicked the button to submit a comment, the comment would appear in the list of comments with name, comment body, and date. The overall feedback for this capability was positive.

3. **Searching for articles**
   The client was able to search for articles by typing keywords in the search bar. With every letter the client types, the matching blog titles were shown in an auto-suggest menu. They had been sorted as per their categories. Clicking on any of these led the client to the search page where all blog articles that matched the search query were displayed. The client could also filter through the articles by selecting a category. On selecting a category, only the articles that belonged to a category were displayed. This filtering was done without the page being refreshed. The overall feedback for this capability was positive.

### New Risks

<table>
<thead>
<tr>
<th>Rank</th>
<th>Risk Description</th>
<th>What causes this risk?</th>
<th>Risk Mitigation Action Items</th>
<th>P(L)</th>
<th>S(L)</th>
<th>RE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Additional client requirement for the editor in the admin dashboard</td>
<td>The client requested additional custom features for the editor such as adding inline images, resizing images and font color options.</td>
<td>This will require us to research and implement a new editor in the admin site for the blog, this late in our schedule. We will then demonstrate it to our client to get his approval.</td>
<td>7</td>
<td>7</td>
<td>49</td>
</tr>
<tr>
<td>2</td>
<td>Search feature bug</td>
<td>The searching for posts functionality in the admin dashboard was not working as expected</td>
<td>We will fix the bug in the search feature and test it</td>
<td>3</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>Responsiveness issues</td>
<td>Certain parts of the blog such as the reader homepage view are not completely responsive</td>
<td>We will work on making these parts of the blog responsive as well</td>
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**Reprioritized capabilities:**

1. Implement a new editor with the additional features requested.
2. Focus on making all parts of the blog completely responsive.
3. Finish writing unit tests.
5. Transferring ownership of project to client.