**CS 312 - Project Phase – 1 Report**

Follow the instructions provided in the grey text. Replace the grey text with actual information.

**Group Details:**

|  |  |
| --- | --- |
| Student 1 Name | Elijah Sprouse |
| Student 1 Email | [ebs233@nau.edu](mailto:ebs233@nau.edu) |
| Student 2 Name | Matthew Gardner |
| Student 2 Email | meg546@nau.edu |

**Phase-1 Details:**

|  |  |
| --- | --- |
| Project Title | Personal Blogging Platform |
| Phase -1  Components | * Users should be able to Create, Read, Update, and Delete their own blog posts, whenever they want. * Users should be able to enter and see their own profile with a list of all posts, a biography, and a profile picture. List of posts should also be sortable. |

**Task Status:**

**Avoid incorporating generic information, as it may result in penalties. Copy all the phase-1 tasks listed in the proposed project plan.**

|  |  |  |  |
| --- | --- | --- | --- |
| Task No | Task Details | Assigned To | Task Status |
| 1 | Create a general homepage layout for blogsite | Elijah | Completed  [Matthew] |
| 2 | Develop a sign-in system using Mailchimp and MongoDB | Elijah | Pending |
| 3 | Create a general profile page | Elijah | Completed |
| 4 | Populate the profile page with current user’s data | Elijah | Pending |
| 5 | Create a commenting system for users to react to blog posts | Elijah | Completed  [Matthew] |
| 6 | Create a tagging system for search feature | Elijah | Pending |
| 7 | Create a navbar that stays the same throughout different website pages | Matthew | Completed |
| 8 | Create a page layout for the blog posts, that can be enter through clicking a post on the homepage | Matthew | Completed |
| 9 | Create a way for the user to edit the blog if they are the owner of it, editing includes changing the text, images, or deleting the post | Matthew | Pending |
| 10 | Create a basic sorting system for posts in chronological order for now. Should be done for time post was created | Matthew | Pending |

**New Tasks or Modified Tasks (Optional):**

List all newly created tasks or tasks modified from your project proposal. Feel free to add more rows to the following table. **Fill the below section, only if you have any new tasks or modifications in the Phase-1 tasks list or else skip it.**

|  |  |  |  |
| --- | --- | --- | --- |
| Task Type | Task Details | Assigned To | Task Status |
| [SKIPPED] | | | |

**Challenges and Solutions Implementation:**

**List at least 4 challenges faced by your team during phase-1 development and elaborate on the solutions you have implemented**. Feel free to add more rows to the following table.

|  |  |
| --- | --- |
| Details of the Challenge | Solution Implemented |
| Website must “remember” the user when they are logged-in | Use React’s localStorage feature that stores username, email, and password when user logs in |
| Create special routing logic (login or profile page) based on whether or not the user is logged in | Check if localStorage has a username property stored corresponding to an existed user. If so, route to Profile page. If not, route to Login. |
| Connecting Detailed Post component to backend, many variable errors | Synchronize variable names (id/\_id becomes \_id), use MongoDB’s ObjectID feature |
| Many disparities occurred in styling the pages. | Provided specific class names in the CSS styling doc. |

**Phase-1 Developed Screens:**

* Incorporate webpage screens corresponding to the project phase - 1.
* Capture all screenshots of your phase-1 delivery (**don’t include any code screenshots**) and attach them in this section.











