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Project Title: Hobbyist

1. **Project Overview:**

The main goal of my web development venture was to establish an inclusive and secure digital haven for individuals, regardless of their unique interests and hobbies. My website was an attempt to foster a sense of belonging and acceptance within diverse communities. By addressing the need for a functional safe-space, my platform aimed to mitigate the challenges of exclusion and alienation that individuals might encounter in niche hobbyist circles.

The primary aspiration of the website was to create an environment where people could freely express their passions and connect with like-minded enthusiasts, free from any judgments or biases. My focus was on curating an online space that celebrates individuality and encourages healthy interactions. The intention was to tackle the isolation often experienced by individuals when trying to engage with others who share their less common hobbies.

The target audience for my website included individuals who have niche hobbies that might not receive widespread attention or recognition. This could encompass anything from unique crafting interests to obscure collecting endeavors. The website's functionalities were meticulously designed to enable users to create profiles, share their hobbies, and engage in discussions. I also incorporated features like private groups, forums, and messaging to facilitate meaningful connections within the community.

In essence, my web development project was driven by the desire to provide a welcoming digital sanctuary where people could truly be themselves, find kindred spirits, and forge genuine connections centered around their passions.

2. **Project Timeline:**

1. 8/8/23 to 8/9/23 - CREATE SITEMAP, FIND OUT WHAT HTML, CSS, JS, PHP, MySQL needed

2. 8/10/23 to 8/11/23 - WORK ON HTML + CSS + JS (FRONT END)

3. 8/12/23 to 8/14/23 - WORK ON PHP + MySQL + REACT (BACK END)

4. 8/15/23 - PREPARE FOR PRESENTATION

5. 8/16/23 or 8/17/23 - PRESENT

3. **Project Architecture**

My website utilizes a multitude of webpages. I have an index, which is basically the home page. Through this homepage, users are prompted with a email redirect to the registration page. The navbar on this page includes the logo to head to the index, two dropdowns to aid in 6 other web page navigation, including our storefront, subscription, about us, contact us, and news page. The search bar is intended to filter ideas inside the entire page. The top right part of navbar allows for registration and login. There was the localeDateTime used in JS recursively to demonstrate the live time of the person viewing. The login and registration both have two different tables, which store values of user password, and firstName, lastName, gender, age, security question, respectively. This is how information is stored, and they can be accessed via multiple points in the site.

4. **User Interface (UI) Design**

The UI design was inspired by a mix of dark mode of Discord, Reddit, Twitter, and Tumblr. I was trying to also incorporate some color / intricate JS in the UI before time ran out.

5. **Database Design**

I have 1 database, housing 2 tables in my project. My tables are: users, and personal. Users stores the sensitive data retrieved through POST methods. The personal data also stores sensitive user data non-login related.

6. Functionality & Features

My users will use my search bar on the top right to search for any items they deem in the site. The clock on the index page demonstrates the time for my users, and gives them a sense of time.

7. Technology Stack

Front end:

- CSS, HTML, JS

Back end:

- Php, mysql

8. Challenges & Mitigation

- Some challenges I faced during my project was that of time management, and the creation of headers via PHP header statements. I still do not understand why my headers were not working on PHP. I found that linking mysql db was a little challenging, but I managed to figure it out and use queries to manipulate data to my benefit.

9. References

- Github.com
- X.com
- Reddit.com
- Discord.gg
- https://www.w3schools.com/html/tryit.asp?filename=tryhtml_layout_float
- https://www.w3schools.com/css/css_navbar.asp

- https://stackoverflow.com/questions/19215517/attaching-a-scss-to-html-docs

- https://superuser.com/questions/935606/notepad-applying-css-styles-for-scss-files

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