Design Journey Part 2

Group name:

Members’ names:

Members’ NetIDs:

Section:

**Part 1: Database Design**

**Conceptual ER Diagram (entities and relationships, see Lectures 17 and 18)**

In this part, please copy and paste your ER diagram for your database below (you can make your ER diagram using any tool of your choice). Make sure the relationships between each entity are clear and well thought-out. Don’t forget to indicate what kind of relationship each arrow represents. Your database description should go on the next page.

**Database Description**

Tell us what the database does. Make sure that you include enough detail so that we are able to understand what is going on in your ER diagram.

**Part 2: Website Layout**

**Content Organization**

This should be an improvement upon the table you used in **Design Journey Part 1**

|  |  |  |
| --- | --- | --- |
| **Main navigation**  (List your site’s navigation here) | **Sub category**  (List any sub categories of under the main navigation) | **Content**  (List all the content corresponding to main navigation and sub categories) |
| (Example: Our Work) | (Example:  1. websites  2. mobile apps  3. tablets) | (Example:  **work examples**: list all the portfolio works (in images) from the client with a brief description when the image is hovered over; have a search function in the page to enable user search for the work;  **1. websites**: showcase all the websites designed by the client in images, with a brief description to each website design;  **2. mobile apps**: showcase all the websites designed by the client in images, with a brief description to each website design when the image is hovered over;  **3. tablets**: showcase all the websites designed by the client in images, with a brief description to each website design) |
|  |  |  |
|  |  |  |

**Navigational Structure**

Explain how users will move between pages. What kind of navigational aids will you have? Will there be a menu bar? A drop-down menu? Tabs? Will you have this available across all your pages?

Tell us why you chose a particular navigation scheme over other possible choices, how the overall navigation of your site will work, how the various pages will be linked, and how the the navigation categories make sense from a user’s perspective. You may find it helpful to include a diagram of your site map here.

**Part 3: Interactive Functionality**

What interactive features will your site have? What PHP and Javascript elements will you include? Describe how the interactivity meets the needs of the clients/target audience.

**PHP Interactivity**

For each piece of PHP interactivity that you plan to implement, describe what the interaction is, how you will implement it, and which pieces of PHP code are required to complete it. You can describe these in terms of functions if you like, but only if you want to. If there is overlap between PHP and JavaScript interactivity, describe the interaction both here and in the JavaScript Interactivity section on the next page.

**JavaScript Interactivity**

For each piece of JavaScript interactivity that you plan to implement, describe what the interaction is, how you will implement it, and which pieces of PHP code are required to complete it. You can describe these in terms of functions if you like, but only if you want to. If there is overlap between PHP and JavaScript interactivity, describe the interaction both here and in the PHP Interactivity section on the previous page.

Compared to the first milestone, did you make any changes to your plan to use the existing libraries (e.g. editor.js, jQuery Cookie, Image Sliders, jQuery) for the site? If so, write down the libraries, what you have to do to incorporate those libraries, and how much of your own code will satisfy the project requirements. If there is no change, write down N/A.

**Part 4: Additional Comments**

If you feel like you haven’t fully explained your design choices, or you want to explain specific functions in detail, do so here. You can use this space to justify your design choices or ask other questions about the project and process.