

Name: _____

ICS4U Final Interview

Topics for discussion

During your final evaluation, you are responsible for the following topics. The attached rubric uses the following criteria to define “thorough”:

Business Side

- Give a detailed account of how you have / have not met your client’s requirements
 - This should include reference to your timeline and deliverables
 - You are expected to show your schedule and reference your work as you completed it.
- How have you wrapped up the project with your client?

Planning work

- Please explain and reflect on how the following have changed from the original plan:
 - Website flow
 - Page designs
 - Set of features / functionality
 - Database and data structure

Self-Learning

- Given the massive component of independent learning in the course, please give examples of how you have used independent learning to further your education

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Programming

- Discuss and demonstrate your proficiency with PHP
 - Basic syntax and utilization (variables, loops, conditionals)
 - Comfort with multidimensional associative arrays, and iterating through them
 - Creating and using your own functions, including parameters and return values
 - Creating HTML & JavaScript using PHP
 - *Bonus: Creating classes, using file i/o, parsing CSV files*

- Discuss and demonstrate your proficiency with HTML/CSS
 - An understanding of HTML syntax
 - Selecting of elements in CSS
 - Styling of elements
 - Implementing Bootstrap, and using Bootstrap styling
 - The use of modals as appropriate

- Discuss and demonstrate your proficiency with JavaScript
 - Selecting elements
 - Using onclick/onchange/etc trigger functionality
 - Writing your own functions, including parameters and return values
 - Triggering events (ex: modals, page redirects, etc)
 - Some understanding of JQuery and why it is useful
 - *Bonus: Good understanding of AJAX*
 - *Bonus: Good understanding of the purpose of JSON and its use*

- Discuss and demonstrate your proficiency with MySQL
 - Comfort with structure of your database (which tables are for what data, etc)
 - SELECT/INSERT/UPDATE/DELETE statements
 - PDO model to prevent SQL injection
 - *Bonus: JOIN statements*

- Connected topics
 - The concept of client-side vs. server-side code

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Categories	R	Level 1	Level 2	Level 3	Level 4
<i>Clients / Requirements / Planning</i>	Does not demonstrate an understanding of the website flow, plan and data structure	Demonstrates a poor understanding of the website flow, plan and data structure	Demonstrates a good understanding of the website flow, plan and data structure	Demonstrates a thorough understanding of the website flow, plan and data structure	Demonstrates a very detailed understanding of the plan, data structure and has reflected on progress
<i>PHP</i>	Has demonstrated through code or through explanation a poor understanding of PHP	Has demonstrated through code or through explanation a limited understanding of PHP	Has demonstrated through code and through explanation a good understanding of PHP	Has demonstrated through code and through explanation a thorough understanding of PHP	Has demonstrated through code and through explanation a deep understanding of PHP
<i>MySQL</i>	Has demonstrated through code or through explanation a poor understanding of MySQL	Has demonstrated through code or through explanation a limited understanding of MySQL	Has demonstrated through code and through explanation a good understanding of MySQL	Has demonstrated through code and through explanation a thorough understanding of MySQL	Has demonstrated through code and through explanation a deep understanding of MySQL
<i>JavaScript</i>	Has demonstrated through code or through explanation a poor understanding of JavaScript	Has demonstrated through code or through explanation a limited understanding of JavaScript	Has demonstrated through code and through explanation a good understanding of JavaScript	Has demonstrated through code and through explanation a thorough understanding of JavaScript	Has demonstrated through code and through explanation a deep understanding of JavaScript
<i>HTML / CSS</i>	Has demonstrated a poor understanding of web page coding	Has demonstrated through code or through explanation a limited understanding of web page coding	Has demonstrated through code and through explanation a good understanding of web page coding	Has demonstrated through code and through explanation a thorough understanding of web page coding and CSS styling	Has demonstrated through code and through explanation an excellent understanding of web page coding and CSS styling

Comments: