Web Project Testing Phase

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**Testing and Usability Evaluation of the UWG Survey Website**

In modern times, with the presence of digital means everywhere, the website design and its functionality matter considerably as far as user experience is concerned. The presented paper describes the systematic testing and usability evaluation of the UWG Survey website, which is meant to gather students' ideas and suggestions for innovation in facilities and services on campus. The review also serves to present specific recommendations for the betterment of the site's overall functioning.

**Formal Testing**

Each webpage was tested systematically, where each component making up the web pages was put to work. The time it took to load the homepage "index.html" was measured below three seconds. All the links in the navigation worked just fine; they would redirect users to their respective pages, and there was no problem displaying the giant image of the campus. There was also a prominent call-to-action button, "Start the Survey," which served well to advance users to the Survey page for easy navigation.

After making the above changes, usability testing of the survey.html page was done. Form submission was tried to see the behavior of the input fields, which were either valid or invalidᅳthe selected radio buttons for the multi-choice question passed through fine. However, there is an issue in form validation that does not present a notification for required fields when the user tries to submit the form. This should be handled better to increase efficiency in the user experience. Generally speaking, the styling of form fields is consistent and hence appears as per requirement.

result.html contained the most recent survey results in tabular form. The information correctly appeared and reflected the data received, which means it had connected to the database, but it still needed responsiveness for fitting on mobile devices for all users to have quick access to their information.

The documentation of the test findings pointed out key issues: no validation messages showed on the survey page, and its tables were in need of further mobile responsiveness. Such above-mentioned observations led to the following prioritized list of improvements: 'displaying' validation notices pertaining to blank form fields; enhancing mobile design through cleaning up initial styling and hence consistently spacing out elements; putting into effect more obvious user feedback upon submitting the form.

**Usability Testing**

In addition, usability testing was performed to check how effective the website is from the user's point of view. This encompassed three scenarios: locating information, responding to the survey, and reaching support. Three friends were the test subjects who conducted a tour of the site under the highlighted scenarios.

For the first scenario, they tried to find survey results before their participation. They did find the results section but felt that they didn't understand what relevance the section had to them in view of the survey. This feedback would suggest they'd like this with a header or some introductory text here for clarity.

In the latter case, there were those who submitted but were not sure whether their submission was successful. There is no indication as to whether or not their answers have been captured after they had made their submission. Indeed, the user's confidence level would increase if there were a confirmation message after they submit the form.

Finally, in the third task, users were looking for contact information in case of questions. They had no problems locating the contact section, but they advised placing it more visibly on the home page. This would be important because users would feel free to reach out to support if it becomes necessary to do so.

**Conclusion**

The testing and usability evaluation of the UWG Survey website has come up with a few strengths and things that need improvement. The website was aesthetic, easy to use, and free of significant form validation and critical information clarity/visibility problems. Thus, with enhancements in giving feedback about submission, adding validation messages, and emphasizing contact information, these recommendations will significantly enhance the overall user experience. These changes will better prepare students to approach the survey with confidence in a time when speaking is a significant factor; thus, the result will be an improved campus environment.