

Assignment 2

Assignment 2.2: Prepare online survey design

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Word Count: 98 word introduction, plus 610 in instructions.

By submitting this assignment, I declare that I have retained a suitable copy of this assignment, have not previously submitted this work for assessment and have ensured that it complies with university and school regulations, especially concerning plagiarism and copyright.

Development Team Instructions

Questions/Format of Survey

I have included a mock-up of the survey, which incorporates a lot of the elements requested below. Please use this as a foundation for the development of the final survey, as it includes all the questions, response formats and other scripting required. If modifications are to be made, please retain as much as possible of the usability/accessibility functionality of the current form (i.e. LABEL tags etc).

The 98 word introduction to the survey should be retained on the survey, although re-formatting may be required to suit any look and feel applied to suit other site design elements. It may also be beneficial to move the introduction to a page prior to arriving at the actual survey, with a link following on to the actual form.

Considerations/Instructions

1. Usability/Accessibility

- a. Use LABEL tags on all responses, linked to the correct response area.
- b. Modify the TABORDER of the FORM elements if required to ensure that the tab order makes sense.
- c. Please ensure that colours contrast enough to ensure readability.
- d. Use CSS for the presentation/layout where possible.
- e. Use relative font-sizes and ensure that they are scaleable by the user.

2. User Input Validation

- a. Please include complete validation where possible, including the following required checks;
 - i. Validate numbers entered in Q1 as being < 40 and < 12 respectively.
 - ii. Require an entry for Q13-15.
 - iii. Validate Q15 to either a 2 or 4 digit number, creating a valid age for the respondent between the ages of 14 and 90 (1989 and 1913).
 - iv. Include a confirmation dialogue box if they miss any questions, to make sure they didn't do it by mistake.

- b. Implement validation **server side and client side** to avoid problems with compatibility.
- c. Make sure that error messages are informative and **placed near the relevant problems, in a contrasting colour.**

3. Layout/Presentation

- a. The colour-scheme/design of the survey should match the rest of the site to ensure consistency, but should not be overpowering.
- b. Please remove/minimise navigational elements for the rest of the site to avoid the respondents being distracted and clicking away from the survey.
- c. Do **not** use a multiple-page format, it is not required for a survey of this length.
- d. Please include anchors (A NAME="" tags) within the page for each question, to allow for internal links to jump to questions when others are to be skipped.

4. Browser Compatibility

- a. Please test the final survey and all related pages on (at a bare minimum) Internet Explorer 6 (PC), Mozilla 1.3 (PC, Mac and Linux), Safari (Mac), Konqueror (Linux) and Opera (Mac and PC).
- b. Ensure that if the JavaScript validation is not going to work on any platform, then the survey should fall back gracefully to rely solely on the server-side validation.

5. Implementation

- a. The survey 'invitation' should be distributed via email, which will include a modified version of the introductory statement on the survey.
- b. The survey should be hosted on a reliable server to ensure availability to all respondents.
- c. Please implement a randomly-selected 4-digit PIN to prevent multiple responses. Each respondent will be given a code (in their email), which will only allow them to complete the survey once. The link in their email should include the PIN, along with instructions should the link fail for some reason.
- d. The email should be PLAIN TEXT ONLY - do not rely on HTML-format email as not all respondents will have an HTML-capable email client.
- e. Please disable the submit button as soon as it has been clicked to avoid duplicate submissions.
- f. Do NOT supply a RESET button on the survey, it is not required and will potentially cause confusion and/or errors.