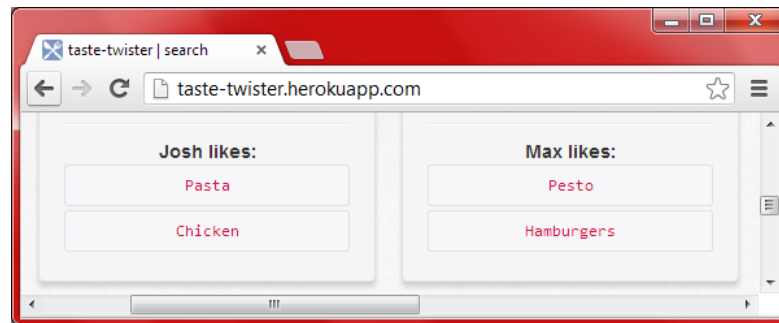


HW 2: Heuristic Evaluation of *Taste Twister*

Home Page

1) Help and Documentation (**Minor problem**): It looks like it is possible to click on the ingredients in a person's "likes" list because they are colored red, which made them stand, and because they look like buttons. However, clicking on an ingredient is no different than clicking on anywhere else in the person's box.

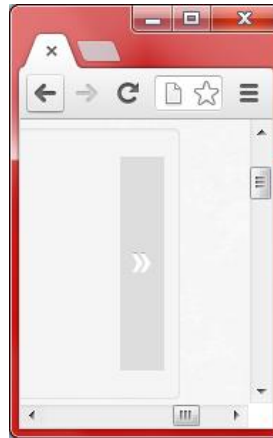


2) Help and Documentation (**Minor problem**): It is not immediately obvious what clicking on a person's picture would do when you first come to the page. I thought that I would be taken to that person's profile page or something. However, it is easy to figure out and use after a couple of seconds.

3) Error Reporting, Diagnosis, and Recovery (**Good feature**): It is easy to delete all or part of a search query if you click on the wrong person or ingredient. Also, there are multiple ways of deleting the query.

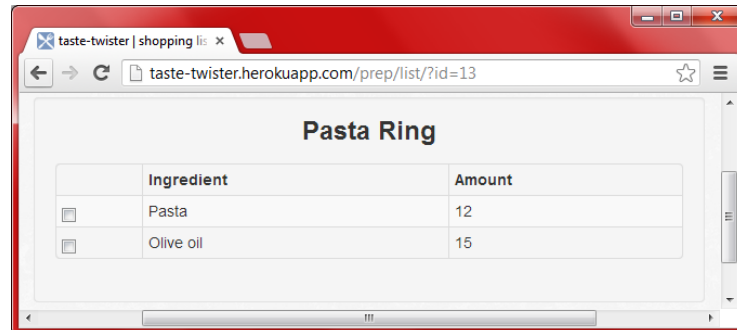
Search Results Page

- 1) Aesthetic and Minimalist Design (**Good feature**): This page is very well formatted with little-to-no excess information.
- 2) Recognition, not Recall (**Good feature**): The ingredients that were searched for are repeated at the top, so the user doesn't have to remember what they searched for.
- 3) Consistency and Standards (**Minor problem**): The framed double arrows are commonly used in other applications for expanding and collapsing text in the same page, not for taking the user to another page.



Shopping List Page

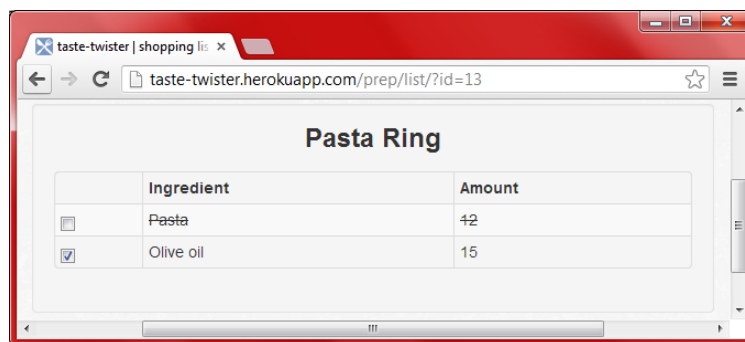
1) Help and Documentation (**Major problem**): Do the numbers in the “Amount” column refer to some unit of measurement or a dollar amount (i.e. “You need 6 apples” vs. “The apple costs 6 dollars”)?



2) Error Reporting, Diagnosis, and Recovery (**Minor problem**): The user must use the browser’s “back” button if they click on the wrong dish and want to go back to the results for the previous search query.

3) Consistency and Standards/Recognition, not Recall (**Major problem**): Putting the picture of the dish on this page would be consistent with the Recipe Page. It would also help the user if they are buying ingredients for multiple dishes and forget which dish they are currently looking at.

4) Error Prevention (**Major problem**): It’s good that the user can click on any part of a table row to change the “checked” state of the checkbox in that row, but unfortunately it is not possible to actually change the state of the checkbox by clicking on the checkbox itself. Furthermore, clicking on the checkbox will not change the “checked” state of the checkbox, but will change whether or not the text on the row is strikethrough text. This leads to undesired states such as having strikethrough text with no checkmark, or a checkmark with no strikethrough text.



(Possible Solution: If you are using a click event handler for the table rows to change the state of the checkbox when any part of the row is clicked on, consider using the `event.stopPropagation()` or `event.preventDefault()` methods in the click event handler for the checkbox to prevent both the checkbox and the table row from capturing the click event and changing the “checked” state.)

Shopping List Page (continued)

5) User Control and Freedom (**Major problem**): Perhaps the user should be allowed to have a site-wide shopping list to which they can add the ingredients for multiple dishes. This can be helpful if the user is making only one trip to the store and wants to print all of the ingredients to a single page. (**Note:** I'm not sure if this was left out intentionally and will be implemented later along with the user accounts.)

6) Match the Real World (**Minor problem**): Perhaps the ingredients should be arranged in a numbered list, rather than a form with checkboxes for each ingredient. Checkmarks can be used to signify completion in the real world, but to me, checkboxes in a computer application signify that I can make a choice to include or exclude some number of given options.

(Possible Solution: You might also be able to use the jQuery checkmark icon and give the user some way of indicating that they have already bought an ingredient.)

7) Error Prevention/User Control and Freedom (**Major problem**): It is not possible for the user to save their progress for a dish, allowing them to see which parts of the recipes have been completed or which ingredients have not been bought yet. (**Note:** I'm not sure if this was left out intentionally and will be implemented later along with the user accounts.)

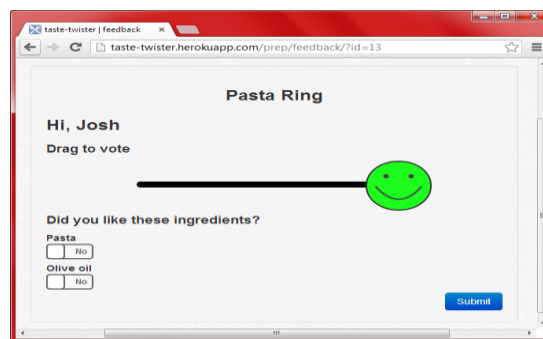
Recipe Page

1) Error Prevention (**Major problem**): This page suffers from the same checkbox/table row problem as the Shopping List Page. Refer to *item 4* in the Shopping List Page's section for more details.

2) Match the Real World (**Minor problem**): This page suffers from the same numbered list vs. checkboxes problem as the Shopping List Page. Refer to *item 6* in the Shopping List Page's section for more details.

Feedback Page

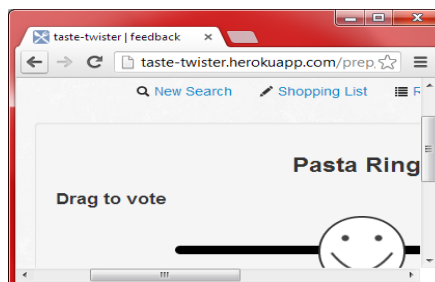
- 1) Consistency and Standards/Recognition, not Recall (**Major problem**): Putting the picture of the dish on this page would be consistent with the Recipe Page. It would also help the user if they are rating multiple dishes and forget which dish they are currently rating.
- 2) Aesthetic and Minimalist Design (**Good feature**): The slider is really cute and is a useful and intuitive method for rating dishes/ingredients.
- 3) Consistency and Standards (**Major problem**): Moving the slider toggles the “yes/no” options at the bottom of the page, but toggling the “yes/no” options doesn’t cause the slider to move. Furthermore, if the “yes/no” options are clicked on, any subsequent moves of the slider will no longer toggle the “yes/no” options.



- 4) Help and Documentation (**Major problem**): Does the user’s submission on the Feedback Page affect the dish’s “Taste Score” on the Search Results Page? If so, then by how much? What are the values of the “yes” and “no” options? Does the slider affect the score of each ingredient separately? If the user is rating the ingredients and not the dish, then how is the “Taste Score” of the dish calculated?

(Possible Solution: Remove the “yes/no” options, and either use a slider for each ingredient or one slider for the dish as a whole. Mark the slider(s) with numbers to indicate that it is a scale, and output the current value of the slider(s) to the user in a text format in addition to updating the slider graphic. Also, the user should be given some indication as to what their feedback submissions are affecting, and how they are affecting it.)

- 5) Error Prevention (**Major problem**): When the “Who are you?” window pops up, it is possible to click out of it without selecting an account. You will not be logged in (e.g. the top left corner will just say “Drag to vote” instead of “Hi, Josh – Drag to vote”), but it is still possible to make a feedback submission.



Feedback Page (continued)

6) Consistency and Standards/Match the Real World (**Cosmetic problem**): The page tells the user to “Drag to vote,” but vote feels like an action with a discrete set of inputs to me, which isn’t consistent with the visual continuity of the slider.

7) Flexibility and Efficiency/Consistency and Standards (**Minor problem**): Perhaps the user should be able to click on the black part of the slider to make the smiley thumb move in that direction. This would be consistent with how scroll bars function in other applications.

Everywhere

1) Visibility of System Status (**Good feature**): I like the color changes for the text labels and backgrounds along with the cursor change on mouseover. It gives the user the appropriate affordances for clicking.

2) Consistency and Standards (**Good feature**): Your website makes good use of icons. It is consistent with how other applications use icons to give affordances for printing, searching, sharing, etc.

3) Flexibility and Efficiency (**Major problem**): In general, your website does not support accessibility for users with physical impairments. For example, the text in screens that aren't content-heavy could be larger to help users with vision impairments. Alt text for images could be used to help users who use screen readers. The majority of the elements on the pages cannot be accessed through the keyboard. For some of the elements that can (such as the different dishes on the Search Results Page), it is not obvious which element currently has keyboard focus. This is limiting to users who primarily use the keyboard to navigate through web applications.