

# HW 2: Heuristic Evaluation of BioMate

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I discussed the assignment with nobody.

In my heuristic evaluation, I will be using Nielsen's Heuristics and the formatting will be:

- a – description
- b – heuristic
- c – severity
- d – suggestion

1.

- a. Not completely obvious what this button does.



- b. Match the real world, recognition not recall
- c. Minor
- d. Place a label, or a little message on hover.

2.

- a. If there are many scripts, it might take a while to find the one you are looking for.

## Use a Script

Select Script

Select a script...



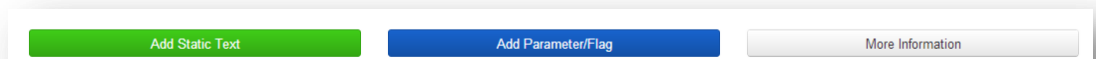
- b. Flexibility and efficiency
- c. Major
- d. Search bar

3.

- a. Good use of autocomplete and dynamic buttons

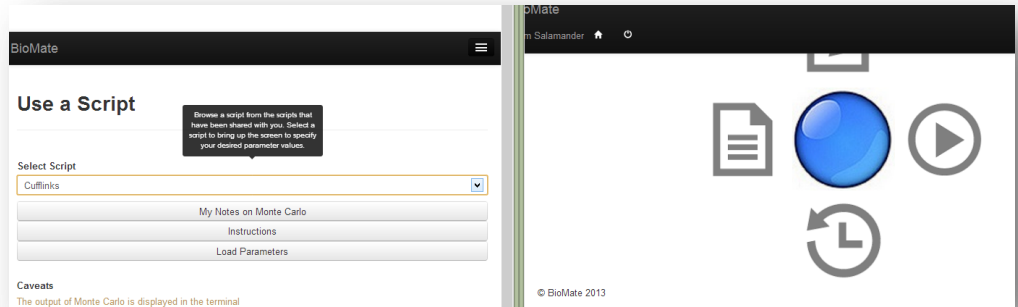


- b. Error prevention
  - c. Good
  - d. No suggestion
- 4.
- a. Buttons seem too spread out making them hard to navigate to. This might be something that you want to look into during user testing.

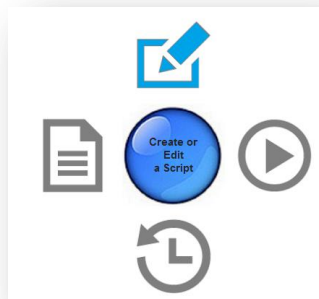


- b. Flexibility and efficiency.
  - c. Minor
  - d. Try a new button layout.
- 5.

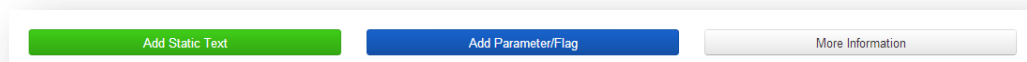
- a. I know you probably did not have the size of the window in mind for this first prototype, when the website is put half screen, the whole layout changes. Some information balloons even appear in incorrect places. The home screen moves upwards.



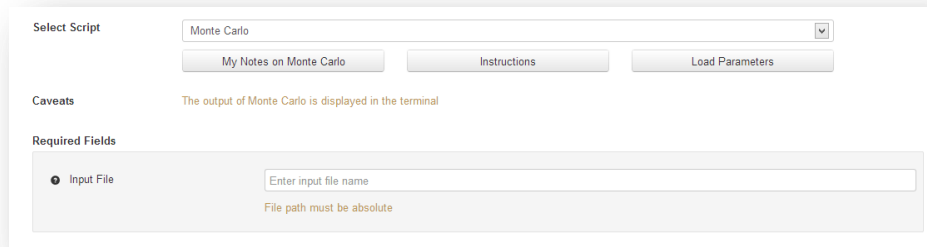
- b. Consistency and standards.
  - c. Major.
  - d. Can't really think of a good suggestion.
- 6.
- a. I like the home screen design. It is simple, easy to use and easy to learn.



- b. Aesthetic and minimalist design.
  - c. Good
  - d. Higher quality images.
- 7.
- a. Meaning of the color of buttons is not obvious.



- b. Help and documentation.
  - c. Minor
  - d. Maybe place some text saying, “check more information for meaning of colors”
- 8.
- a. The color of the extra information text for the scripts, as the “Caveats” is used for multiple reasons. It is used for hint text as well as actual content.



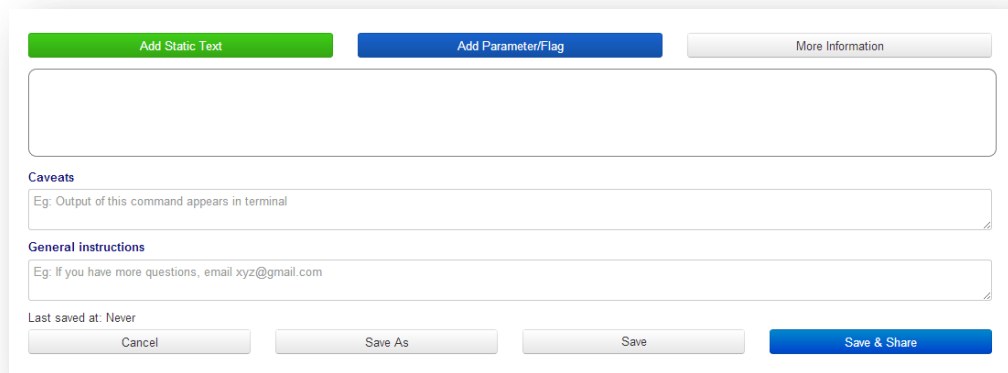
- b. Consistency and standards.
  - c. Major.
  - d. Change the text color of the caveats.
- 9.
- a. I like the usage instructions, but you cannot solely rely on them to convey all of the necessary information. Users usually do not read the manual.



- b. Help and documentation.
- c. Good.
- d. Don't solely rely on this.

10.

- a. Color of buttons is not consistent. Why is the save and share different color and why the same as the "Add Parameter/Flag"?

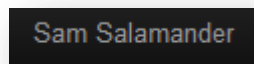


The screenshot shows a web form with several buttons and text fields. At the top, there are three buttons: "Add Static Text" (green), "Add Parameter/Flag" (blue), and "More Information" (grey). Below these is a large empty text area. Underneath, there are two sections: "Caveats" and "General instructions", each with a text input field containing an example. At the bottom, there are four buttons: "Cancel" (grey), "Save As" (grey), "Save" (grey), and "Save & Share" (blue). The "Save & Share" button is the same color as the "Add Parameter/Flag" button, which is a point of inconsistency.

- b. Consistency and standards.
- c. Minor
- d. Chang button colors.

11.

- a. Usually the name is clickable in other interfaces to go to a profile page or something of that sort.

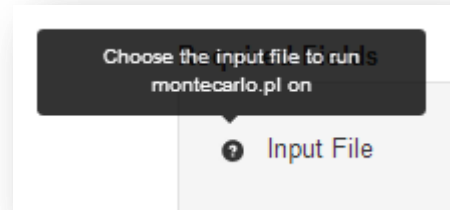


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- b. Match the real world. Consistency and standards.
- c. Minor.
- d. Find a way to make it more obvious that it is not clickable.

12.

- a. I like the informative question mark icons.



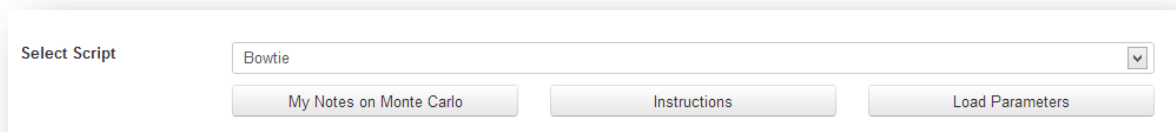
- b. Help and documentation.  
c. Good.  
d. No suggestion.

13.

- a. There are certain features that do not give feedback such as saving the notes for a script or sending an email. I know these features currently do not work, but feedback should be added either way. No photo, sorry.  
b. Visibility of system status.  
c. Major.

14.

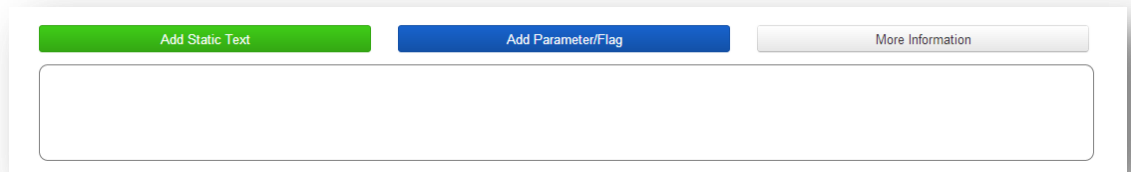
- a. Switching between different scripts does not work. I was on Monte Carlo and went to Bowtie and the page did not react.



- b. Visibility and system status. User control and freedom.  
c. Major  
d. Fix it.

15.

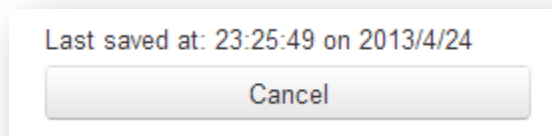
- a. The big white box in the Edit scripts page seems clickable, but is not.



- b. User control and freedom. Consistency and standards.
- c. Minor
- d. Have an information box that tells the user what is up or don't have it initially.

16.

- a. "Last saved" on Edit scripts page seems clickable, but is not and also has strange formatting for the date.



- b. Match the real world
- c. Minor
- d. Change formatting to something that is more user friendly and common.