

ECS522U GUI COURSEWORK 2022/23

ASSIGNMENT 3: EVALUATION (10%)

In this assignment, you will evaluate the web app you have built using heuristic evaluation, and propose improvements based on your findings.

This assignment is worth 10% of the overall module assessment.

The assignment report contains 4 sections:

- Section 1: Summary of Your Evaluation (10 marks)
- Section 2: Evaluation Process (15 marks)
- Section 3: Evaluation Findings (25 marks)
- Section 4: Proposed Improvements (50 marks)

Do not forget to include a Contributions section. It will be assumed that each group member has contributed equally to the assignment unless otherwise stated in the Contributions section. The Contributions section must include:

- ***A brief description of what each group member has contributed***
- ***If not all group members have contributed equally to the assignment, a percentage contribution between 0 and 100 should be indicated for each group member.***

SECTION 1: SUMMARY OF YOUR EVALUATION (10 MARKS)

Write a paragraph summarising what you did, what you found, and what you suggest as improvements. The paragraph should be concise and cohesive. **Write this section last, after completing the sections below.** (200 words maximum)

SECTION 2: EVALUATION PROCESS (15 MARKS)

Write around 300 words describing how you carried out your evaluation.

SECTION 3: EVALUATION FINDINGS (25 MARKS)

The aims of this section are to synthesise the data you have gathered during your evaluation, present your findings, and explain their significance in a coherent and easily understandable way.

Collate the results from your evaluation and report the problems you found, eg which heuristics are violated and what are the severity ratings? You can use tables to collate findings from multiple evaluators.

Include screenshots to illustrate your findings. Note that your marker will not look at your code or run your app to check what you are meaning, so this section must be self-explanatory.

Write around 500 words, excluding tables of results. You will need to be concise and well-organised in your writing.

SECTION 4: PROPOSED IMPROVEMENTS (50 MARKS)

Based on your evaluation findings, propose **3-4 improvements** for your web app (maximum 250 words per improvement). Include screenshots or diagrams to illustrate your improvements (notes and labels on screenshots / diagrams are excluded from the word count). Bear in mind that some of your readers may be technically competent but not experts in this particular field, so you must communicate clearly and appropriately.

You will be assessed on the basis of:

- How appropriate the proposed changes are for your primary stakeholder, and
- The depth of thought that has gone into your proposed improvements, eg if a proposed improvement is the addition of a menu, a good response would include description and illustration of details such as what kind of menu it should be, where it should be located, what kind of items it should hold, what it should look like, how it should work, how it would help the stakeholder, etc.

ASSIGNMENT 3 MARKING CRITERIA

	UNSATISFACTORY	SATISFACTORY	VERY GOOD / EXCELLENT
SECTION 1	0-3 <ul style="list-style-type: none"> Summary is not concise and is incomplete Activities, findings and redesign suggestions are missing or very poorly communicated 	4-6 <ul style="list-style-type: none"> Summary is not concise or is incomplete Activities, findings and redesign suggestions are not very effectively communicated 	7-10 <ul style="list-style-type: none"> Summary is concise and complete Activities, findings and redesign suggestions are effectively communicated
SECTION 2	0-5 <ul style="list-style-type: none"> Process is lacking major components or missing Heuristic evaluation has major error or omissions 	6-10 <ul style="list-style-type: none"> Process is poorly described or incomplete Heuristic evaluation has minor errors or omissions 	11-15 <ul style="list-style-type: none"> Process is well-described and complete Heuristic evaluation is carried out correctly
SECTION 3	0-9 <ul style="list-style-type: none"> Evaluation process was incorrect Findings are poorly organised or incomplete No screenshots Violated heuristics and/or severity ratings are not credible or are missing 	10-17 <ul style="list-style-type: none"> Evaluation process lacked rigour Findings are collated, but not easy to read or easy to understand Screenshots do not illustrate problems well or are incomplete Violated heuristics and severity ratings are given but are not credible or are incomplete 	18-25 <ul style="list-style-type: none"> Evaluation process was rigorous Findings are well collated, easy to read and easy to understand Screenshots illustrate problems well Violated heuristics and severity ratings are given and are credible
SECTION 4	0-19 <ul style="list-style-type: none"> Improvements are not understandable at all or are missing Improvements do not address the problems found or do not serve the primary stakeholder No screenshots / diagrams 	20-34 <ul style="list-style-type: none"> Improvements are noted, but are not easily understandable or are incomplete Improvements do not fully address the problems found or do not entirely serve the primary stakeholder Screenshots / diagrams do not clearly illustrate the improvements or are incomplete 	35-50 <ul style="list-style-type: none"> Thorough and easily understandable description of improvements Improvements address the problems found and serve the primary stakeholder Screenshots / diagrams clearly illustrate the improvements