

King Fahd University of Petroleum & Minerals
Information and Computer Science Department

SWE 312 – Designing the User Interface
Semester 181
Class Assignment 1

Max. Marks: 100 (weight 10%)

Due 17 Nov 2018 Midnight

Group number:

The following URLs list the different websites of universities:

<https://www.keele.ac.uk/>

<https://sydney.edu.au/>

<http://www.uob.edu.bh/en/>

<https://www.squ.edu.om/>

Conduct an experiment to:

- First develop an evaluation strategy (20% marks) (In this strategy discuss what is the purpose of evaluation (you need to define the evaluation criteria here such as provided in Appendix A), what type of data will be collected, what are different constraints etc)
- Select a website which has an excellent interface. Apply the evaluation criteria and analyze the data and discuss in details why it is good. Include screenshots to support your evaluation (40% marks)
- Select a website which has very poor interface. Apply the evaluation criteria and analyze the data and discuss in details why it is not good. Include screenshots to support your evaluation. (40% marks)

Sample evaluation criteria are provided on next page.

Submit a softcopy via Blackboard.

Appendix A: Sample Evaluation Criteria

You may use 5Es

- **Effective**
 - ☐ The completeness and accuracy with which users achieve their goals.
- **Efficient**
 - ☐ The speed (with accuracy) with which users can complete their tasks.
- **Engaging**
 - ☐ The degree to which the tone and style of the interface makes the product pleasant or satisfying to use.
- **Error tolerant**
 - ☐ How well the design prevents errors or helps with recovery from those that do occur.
- **Easy to learn**
 - ☐ How well the product supports both initial orientation and deepening understanding of its capabilities.

OR Use these Criteria

Structure

- Is the site layout easy to understand and use?
- Can you navigate readily from page to page?
- Is it easy to get back to Home page or the top of a page?
- Is the loading time excessive?

Graphics

- Are graphics clear and attractive?
- Do graphics contribute to the purpose of the page?
- Are graphics excessive or distracting?
- Do graphics contribute to understanding?
- Do graphics contribute to excessive loading time?
- Do graphics aid visitor with navigation?

Use of Color

- Are colors attractive and appealing to most visitors?
- Do too many colors contribute to messy look?
- Would more color aid the visitor in understanding the content?

Content

- Is the content of interest and value to the visitor?
- Does the content attract more visitors?
- Has the content been kept current?
- Are there copyright violations?

Readability

- Are the pages easy for the visitor to read?
- Do the page elements follow a logical sequence?
- Are type fonts readable, attractive and properly sized?
- Are the pages look good with various browsers?

Page Layout

- Is there a good use of "white space"?
- Do the graphics add to or detract from readability?
- Are elements sized and arranged to fit within browser window?
- Are your links easy for the visitor to spot?