

DMC105

**Design for User Interaction**

 COLLEGE INFORMATION TECHNOLOGY

**CA 1**

This CA1 assignment is worth 10% of the final mark for DMC105 – Design for User Interaction.

The cut-off date for this assignment is 9 September 2022, 2355 hrs.

**Note to Students:**

* You are to include the following particulars in your submission: Course Code, Title of the CA, GCIT Student ID, Your Name, Student Group and Submission Date.
* Submit your solution document in the form of a MS Word file via Moodle, on or before the cut-off date and time shown above. It should be saved as DMC105\_CA1\_ GCIT Student ID\_ Your Name \_ Student Group \_ddmmyyyy.doc
* The MS word file for submission should not exceed the 5MB in file size.
* Do not submit any images that are zipped and hyper-linked within your MS word file. This will not be considered as acceptable and you will not be awarded any marks.

**User interaction Analysis**

**Introduction**

Interaction design focuses on creating engaging interfaces with well thought out behaviours. Understanding how users and technology communicate with each other is fundamental to this field. With this understanding, students can anticipate how someone might interact with the system, fix problems early, as well as invent new ways of doing things.

**Learning Outcome**

Students can analyse the structure and behaviour of interactive systems. Understand the five dimensions of user interaction design and identify the interaction designers strive to create meaningful relationships between people and the products and services they use, from computers to mobile devices to appliances and beyond.

**Task**

Refer to the **APPENDIX** for a list of existing websites from different industries. Each student must select one website from the list and analyse it to identify the site design from a user interaction perspective. This assignment requires each student to provide improvement suggestions for the site. Please refer to the Assessment Criteria for the improvement suggestions to be submitted.

**Question 1 – You are required to present a solution after identifying five dimensions of interaction design and principles on a chosen website.**

**Assessment Criteria**

Interaction design is about facilitating interactions between users and products (most often, those products are apps or websites). At this point, students will be assessed based on their understanding of the five dimensions of interaction design and interaction principles:

* **Five dimensions of interaction design**
  + Words
  + Visual Representation
  + Physical objects or space
  + Time
  + Behaviour
* **Interaction Design Principles**
  + Consistent design
  + Functionality
  + Cognition
  + Engagement
  + User control

**SUBMISSION GUIDELINES**

You are required to the submit a MS word document that contain Questions 1 and their sub-questions in the following guidelines:

|  |  |
| --- | --- |
| **ITEM** | **SPECIFICATIONS** |
| **PAGE FORMAT** |  |
| Document Size | A4 |
| Cover Page | Name and Student ID number |
|  |  |
| Content Page | Headers and their respective pages |
| Font | Arial or Times New Roman, font size 12. |
| Line Spacing | 2 lines |
| Paragraph | Provide proper headers, sub-headers, and paragraphing. |
| Word Limit | Minimum 500 words and maximum 1000 words. |
|  |  |
| **IMAGES & CAPTIONS** |  |
| Images | Insertion of images that will aid in explanation. |
| Captions | Proper captions must be provided for each image. |
|  |  |
| **REFERENCES** |  |
| Citations and Reference Page | APA referencing style – all sources that have been used must be acknowledged. |

**APPENDIX**

|  |  |
| --- | --- |
| **SI No** | **Site** |
| 1 | <https://shopee.com/> |
| 2 | <https://www.zoho.com/> |
| 3 | <https://www.zalora.com.ph/> |
| 4 | <https://www.squarespace.com/> |
| 5 | <https://foodinsight.org/> |
| 6 | <https://www.sandygraywhisky.com.au/> |
| 7 | <https://optigrill.com.ua/> |
| 8 | <https://www.sgrappa.com/> |
| 9 | <https://afallonmon.com/> |
| 10 | <https://catering-gusti.com/> |
| 11 | <https://www.bankofamerica.com/> |
| 12 | <https://www.kiplinger.com/> |
| 13 | <https://www.thestreet.com/> |
| 14 | <https://www.commbank.com.au/> |
| 15 | <https://www.wellsfargo.com/> |
| 16 | <https://www.apollohospitals.com/> |
| 17 | <https://www.mayoclinic.org/> |
| 18 | <https://www.nm.org/> |
| 19 | <https://my.clevelandclinic.org/> |
| 20 | <https://www.saintfrancis.com/> |
| 21 | <https://www.luriechildrens.org/> |
| 22 | <https://arden.ac.uk/> |
| 23 | <https://www.ucas.com/> |
| 24 | <https://www.princeton.edu/> |
| 25 | <https://www.waikato.ac.nz/> |
| 26 | <https://www.ntu.edu.sg/> |
| 27 | <https://www.sp.edu.sg/> |
| 28 | <https://www.kongregate.com/> |
| 29 | <https://miniclip.com/> |
| 30 | <https://www.doa.gov.bt/> |
| 31 | <https://agricoop.nic.in/en> |
| 32 | <https://www.usda.gov/> |
| 33 | <https://cropx.com/> |
| 34 | <https://thursdayboots.com/> |
| 35 | https://conquista-fashion.com/ |

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