ASSESSMENT 1

INPUT / OUPUT DESIGN

QUESTION 1 [20]

Go to Domino's Pizza website (Nigeria) https://www.dominos.ng/ and complete the process to place an "order" from a store in Lagos.

- **DO NOT** create a pizza profile / log in.
- **DO NOT** finalize the "order". **STOP** when you are required to enter personal information!
  Please note that YOU are liable for any costs incurred. I am simply an overworked and underpaid lecturer 😉

Make use of the following address when placing an "order":

8 My Street
Ilassan Lekki
Lagos 105102

INSTRUCTIONS:

HUMAN COMPUTER INTERACTION (HCI) DESIGN HEURISTICS

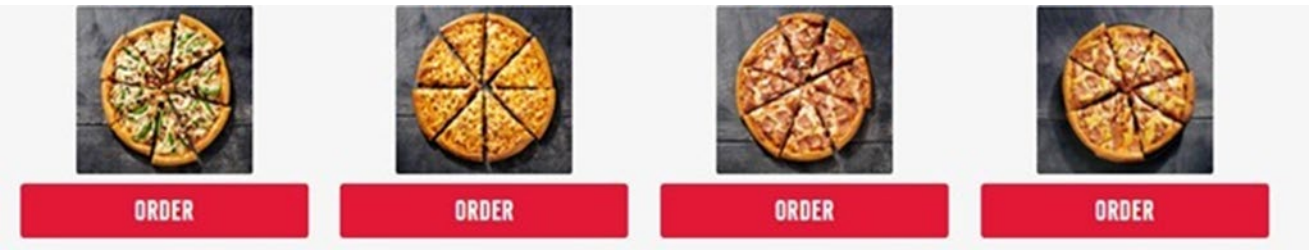
1. Visibility of system status
2. Match between system and the real world
3. User control and freedom
4. Consistency and standards
5. Error prevention
6. Recognition rather than recall
7. Flexibility and efficiency of use
8. Aesthetic and minimalist design
9. Recognise, diagnose and recover from errors
10. Reduce errors

Using the above HCI Heuristics, indicate whether each one was applied / not applied during the "ordering" process. Consider including a screenshot to support your explanation.

FOR EXAMPLE:

2. Consistency and standards

All buttons use same font, colour etc.

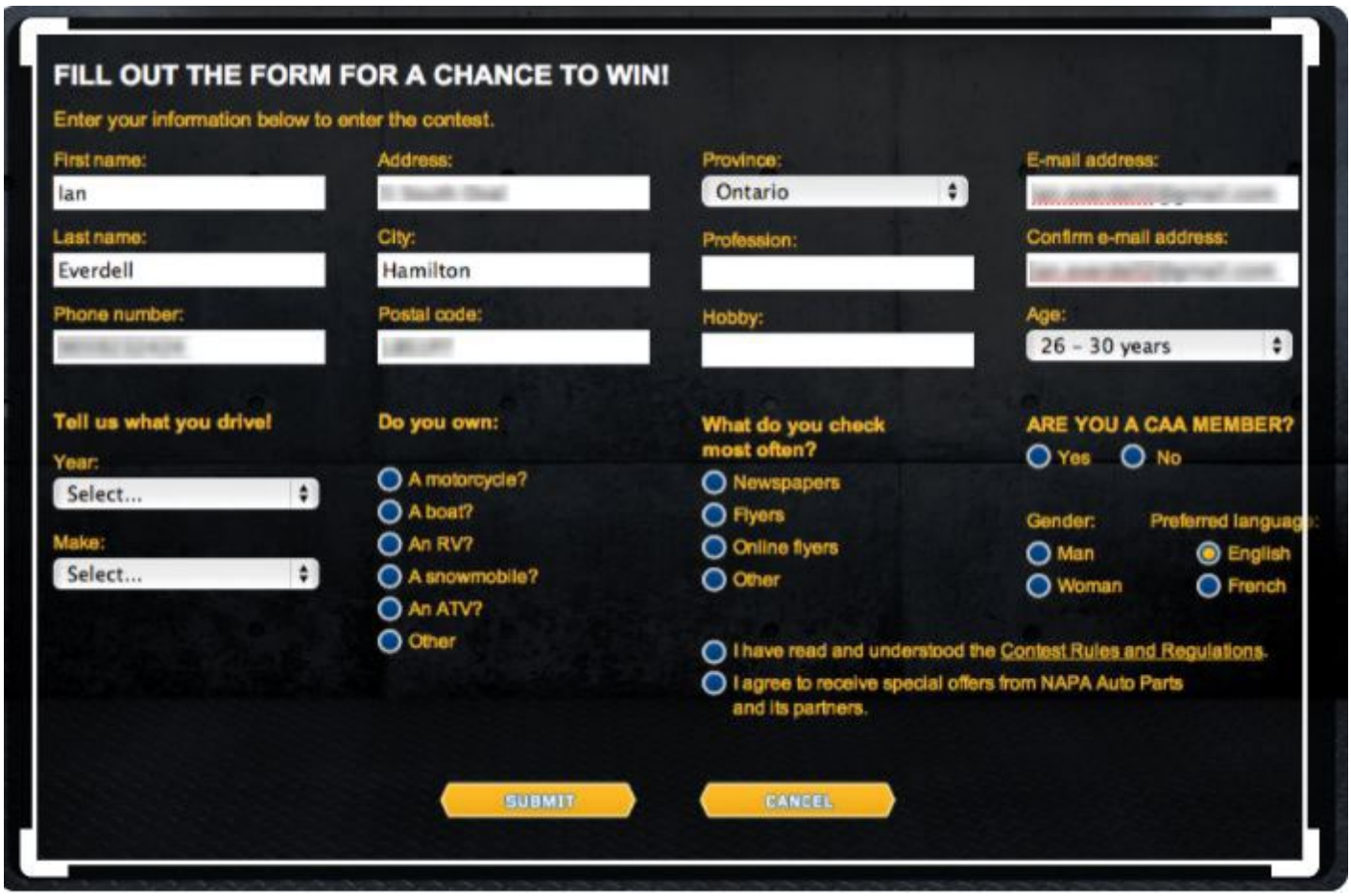


QUESTION 2 [30]

Human Computer Interactions (HCI) play a significant role in input design. Inputs should be as simple as possible and be designed to reduce the possibility of incorrect data being entered and create a pleasant experience for the user. The needs of system users must be considered. It is also important to minimise the amount of data that the user must input. The more data that is input, the greater the potential number of input errors and the longer it takes to input that data.

Exactly how you design your data-entry screens / input forms will depend on the amount of data you are dealing with, the needs and likes of the users and any application specific requirements that may exist. It is important to design well thought-out data-entry screens / input forms.

The input form below, is not very user friendly and does not follow a number of the recommended input design guidelines.



INSTRUCTIONS:

1) You are required to redesign the above input form. Ensure that this newly designed form is efficient and provides input integrity (i.e. data validation). Make use of the recommended input design guidelines, and where necessary implement suitable Input Controls, Navigational Components, Informational Components and Containers.
   For the redesign of the form, make use of *BALSAMIQ* or draw neatly by hand. **(20)**

2) Briefly describe what validation will be implemented for the input fields on your newly designed form. Indicate the type of validation that will be used for each of the input fields (e.g. presence check, type check etc.) **(10)**

TOTAL MARKS: 50