**UCCD2223 / UCCD2323 May 2021**

**Group Assignment (20%)**

# The Tasks

1. Form a group of 3 or 4 students from the same Course code. Fill the form (in the link given in the MS Teams)
2. Select **1** of any of the title given below and develop a **mobile responsive web site** for it.
3. Each member in the group must create at least 1 web page in this assignment. (So, if the assignment group has 4 members, then the website will have at least 4 web pages)
4. A website for a Car Rental system
5. A website for a Wedding Events Planner
6. A website for a Tuition Centres

# Criteria

* Mobile responsive
* Attractive layout and design with proper colour schemes, graphics, animations, audio/video contents, interfaces and menus.
* Apply various web development technologies such as HTML 5, CSS 3, JavaScript, JQuery, Bootstrap, etc.
* Use of various storage technologies such as cookies, local storage, session storage, etc.
* Availability of the web site while offline.
* Providing web notifications to the users.

# Project Deliverables (100%)

1. **Final Report (G - 45%) consisting of the following: (G: Group; I: Individual)**

Overall report quality [G: 5 marks]

Chapter 1 - Introduction (Define audience and set the goals) [G: 5 marks]

Provide the background study of the system (past and current trends), target audience, problem description, target audience and significance (describe the benefits of the system towards your user)

Chapter 2- Literature Review (analysis existing website- minimum 3) [G: 10 marks]

Compare the related existing systems, describe the advantages, disadvantages, and limitations and recommendation of the system. Explain how your website would be better or different from existing system.

Chapter 3- Design (Wireframes, page mockup, site map, etc.) [G: 10 marks]

Chapter 4-Evaluation (User manual with print screen) [G: 10 marks]

References and Appendix (APA format style) [G: 5 marks]

**2. Presentation and Product Demo (55%) [\*\*\* Do a video recording \*\*\*]**

Clarity of voice [I: 5 marks]

Flow of presentation [I: 5 marks]

Use of various storage technologies such as cookies, local storage, session storage, etc. [I: 15 marks]

Availability during offline, web notifications, calling Restful API / Web services, incorporating social media plugins, etc. [I: 15 marks]

Overall web site functionalities [G: 5 marks]

Overall layout and appearance [G: 10 marks]

Note:

The entire video presentation for each group must not exceed 25 - 30 minutes.

Every group member must present. Introduce yourself clearly before you start the presentation.

Inform the audience if any of the web pages that you are presenting have made use of any of the following technologies (cookies, local storage, session storage, etc). Explain and show clearly how they are used.

Inform the audience if any of the web pages that you are presenting can be viewed offline. Explain and show how it appears during offline.

Inform the audience if any of the web pages you are presenting can provide notifications. Explain and show clearly the effect of web notifications.

# What to Submit?

* Indicate the following in the front cover:
  + The Group Name
  + Group leader
  + Individual student ID, student name, Course code, programme, practical group
  + Website URL
  + Main page of the website (eg. Index.html)
* Online submission of the following:
  + The report
  + The complete website
  + A video recording of the presentation and product demo

# Due Dates:

Week 13 Submission of Assignment

(**Monday, 30/8/2021, before 5pm**)

# References

Computers, Laptops, Gaming PCs, Workstations, Monitors & Servers: Dell Malaysia. (2020, December 17). Retrieved January 05, 2021, from https://www.dell.com/en-my

Pizza Hut. (n.d.). Retrieved January 06, 2021, from https://www.pizzahut.com.my/

Aroma of Good Times. (n.d.). Retrieved January 06, 2021, from https://oldtown.com.my/

# Marking Scheme

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | **1** | **2** | **3** | **4** |
| ID | |  |  |  |  |
| Name | |  |  |  |  |
| Degree Programme | |  |  |  |  |
| Course Code | |  |  |  |  |
| Practical Group | |  |  |  |  |
| Website Title | |  | | | |
| Website URL | |  | | | |
| Main Page (eg. Index.html) | |  | | | |
| Overall report quality [G] | (Scale x 1) 5% |  |  |  |  |
| Introduction [G] | (Scale x 1)  5% |  |  |  |  |
| Literature Review [G] | (Scale x 2)  10% |  |  |  |  |
| Design [G] | (Scale x 2)  10% |  |  |  |  |
| Evaluation [G] | (Scale x 2)  10% |  |  |  |  |
| References [G] | (Scale x 1)  5% |  |  |  |  |
| Clarity of voice [I] | (Scale x 1)  5% |  |  |  |  |
| Flow of presentation [I] | (Scale x 1)  5% |  |  |  |  |
| Use of cookies, local storage, session storage [I] | (Scale x 3)  15% |  |  |  |  |
| Availability during offline and web notifications [I] | (Scale x 3)  15% |  |  |  |  |
| Overall web site functionalities [G] | (Scale x 1)  5% |  |  |  |  |
| Overall layout and appearance [G] | (Scale x 2)  10% |  |  |  |  |
| Total (100%) | |  |  |  |  |

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| --- | --- |
| **Scale (0-5)** | **Description** |
| 5 | Excellent work produced. Evidence of in-depth study **and** critical thought |
| 4 | Good work produced. Evidence of in-depth study **or** critical thought |
| 3 | Average work produced. Evidence of some study **or** thought, although not extensively covered |
| 2 | Below average work produced **or** work **not** supported by any study/basis |
| 1 | Poor work performance **or** work **not** supported by any study/basis |
| 0 | Not attempted |

**Marking Rubric**