

**DIPLOMA IN INFORMATION TECHNOLOGY**

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**Group Coursework**

**Subject : WEB DESIGN**

**Subject code : DIT1262**

**Deadline : WEEK 12**

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| --- | --- |
| **NAME** | **STUDENT ID** |
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**INSTRUCTIONS TO CANDIDATES**

This group assignment will contribute 40% to your final grade.

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| **IMPORTANT**  The Sunway Diploma Studies requires students to adhere to submission deadlines for any form of assessment. Penalties are applied in relation to unauthorized late submission of work. |
| * Coursework submitted after the deadline but within 1 week will be considered as late submission. * Work handed in following the extension of 1 week after the original deadline will be regarded as a non-submission and marked zero. |
| **Academic Honesty Acknowledgement**  “We verify that this paper contains entirely my own work. We have not consulted with any outside person or materials other than what was specified (an interviewee, for example) in the assignment or the syllabus requirements. Further, we have not copied or inadvertently copied ideas, sentences, or paragraphs from another student. we realize the penalties *(refer to the student handbook diploma and undergraduate programme)* for any kind of copying or collaboration on any assignment.”     |  |  |  | | --- | --- | --- | | **Name** | **Signature** | **Date** | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |

**Group Member Contribution**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Student Name** | **Student ID** | **Signature** | **Contribution (%)** | | |
| **Report** | **Website** | **Presentation** |
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|  |  | **Total (100%)** | 100 | | |

**Learning Outcome**

LO1: Demonstrate the general concept of web design and development.

LO2: Explain the essentials of using stylesheets to layout sites.

LO3: Identify the requirements used in web development.

**Component A: Project (30%)**

The Sustainable Development Goals are a universal call to action to end poverty, protect the planet, and improve the lives and prospects of everyone, everywhere. The Goals were adopted by all United Nations Member States in September 2015 as part of the 2030 Agenda for Sustainable Development, which sets out a 15-year plan to achieve the Goals and their related targets. Never before had world leaders pledged common action across such a broad and universal policy agenda. The 17 Goals are interconnected, apply to all countries, and need to be carried out by all stakeholders, such as governments, the private sector, civil society, the United Nations system, and others, in a collaborative partnership.



Sunway Group intends to continue growing shareholder value meaningfully and responsibly by actively contributing to our local communities, harnessing environmentally sustainable technology, and pursuing growth areas that leverage the strengths of Sunway Group.

Sunway Group’s four pillars of sustainability are outlined based on the 17 goals under the United Nations Sustainable Development Goals (UN-SDG). This SDG focuses on developing and expanding renewable energy resources such as sun, wind, hydropower, liquid and solid biofuels, biogas and geothermal. These renewable sources of energy do not emit greenhouse gasses into the atmosphere, and are therefore ideal for the environment and human health.

Choose one SDG that you would like to cover and come up with a proposal for a web-based solution for the problem identified in the SDG. You are required to prepare a report of not more than 10 pages to assist in the development of your website. You may get the information from reliable secondary source such as online.

**Report Content**

▪ Cover Page

▪ Group member contribution form (see Appendix A)

▪ Table of Content

▪ Introduction to Website

❖ Background

❖ Website objectives

▪ Target Audience

❖ Potential web users

❖ Web users’ needs and wants

▪ Website Structure

❖ Sketch out for your web structure

❖ At least 3 reasons for your choice

▪ Page Design

❖ Wireframe of all web pages proposed.

❖ Include a brief explanation and justify the specification on aspects such as page

background, colours, images, font size and type, etc

▪ Conclusion and Future enhancement

▪ References

▪ Appendices (screenshots of all web pages)

**Website**

▪ The website must be coded in HTML5, CSS and JavaScript, using a text editor such as

NotePad, TextPad, etc

▪ Creating the website through website builder such as wix.com are NOT allowed.

▪ Creating webpages by using a template is NOT allowed.

▪ The web site may range from 8 to 12 pages, depending on the size of your needs.

▪ The website may include the following features:

❖ Hyperlinks

❖ Lists

❖ Formatting text

❖ Colours

❖ Image

❖ Table

❖ iFrame

❖ Form

**Component B: Presentation (10%)**

You are required to present and demonstrate your websites, with appropriate explanations, during Week 12. Each group will be given 15 minutes including Q&A session. Schedule of the presentation will be released later. All group members MUST participate and attendance is compulsory.

**Assessment Criteria**

You will be assessed based on the following requirements:

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| **Requirements** | **Marks** |
| **Component A** | **30** |
| **Written Report**  ▪ Introduction to website (3 marks)  ▪ Target audience (3 marks)  ▪ Website structure (3 marks)  ▪ Page design (8 marks)  ▪ Conclusion and enhancement (3 marks) | 20 |
| **Website**  ▪ Website features (10 marks)  ▪ Website usability and Website content (10 marks)  ▪ User friendliness (5 marks)  ▪ Creativity and originality of the design (5 marks) | 30 |
| **Component B** | **10** |
| **Presentation**  ▪ Organization (3 marks)  ▪ Visual Aids (2 marks)  ▪ Presentation Skill (5 marks)  ▪ Knowledge (5 marks)  ▪ Demonstration of Product (10 marks)  ▪ Attire (5 marks) | 30 |

**Mode of Submission**

The assignment must be submitted in softcopy (report and website). Both must be

zipped/compressed together. Ensure that the files do not contain any malicious program.

The report must use Times New Roman, 12 pt standard and 1.5 lines spacing.

**Date of Submission**

Dateline for submission is on WEEK 12. As a general rule, no extension of time will be

allowed.