**NAME:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Date submitted:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Project Title:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Criteria to be Assessed:**

Students will be assessed on the degree to which they:

1. Evaluate and analyse problems and devise solutions that demonstrates a synthesis of knowledge, concepts and skills of the composition of systems
2. Create solutions using problem solving methodology, design techniques, tools, skills and processes with proper planning and time management
3. Present concepts accurately and coherently using appropriate terminology in a range of written and non-written formats
4. Demonstrate creativity in applying processes and techniques to familiar and unfamiliar scenarios using appropriate application software

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| **Criteria** | **A**  **(85-100%)** | **B**  **(70-84%)** | **C**  **(50-69%)** | **D**  **(40-49%)** | **E**  **(1-39%)** |
| **Knowledge, understanding, application, analysis & evaluation** | Evaluates and analyses the technical and content requirements of the client’s information needs & devised an innovative solution. | Analyses & explains the technical and content requirements of the client’s information needs with insight and devised creative and effective solution. | Explains and describes the technical and content requirements of the client’s information needs and devised an effective solution satisfactorily. | Identifies and describes the technical and content requirements of the client’s information needs and showed basic knowledge of the solution. | Identifies the technical and content requirements of the client’s information and presents minimal understanding on developing the actual solution. |
| **Planning, designing, creating & implementing** | Creates sophisticated & proficient solution using highly effective methodology and design techniques; shows refined skills in planning, time management and designing, satisfying all requirements to a very high level. | Creates proficient solution using effective methodology and design techniques; showed competent skills in planning, time management and designing, satisfying all requirements to a high level. | Creates effective solution using adequate methodology and design techniques; showed satisfactory level of skills in planning, time management and designing, satisfying many requirements. | Creates basic solution with some inconsistency in using methodology and design techniques; showed basic skills in planning, time management and designing, satisfying few requirements. | Creates minimal application of methodology and techniques in developing the solution; showed minimal skills in planning, time management and designing, satisfying few requirements. |
| **Communication, interpersonal skills** | The project shows highly complex, accurate and coherent concepts; shows confidence & ethical use of information accepted referencing and appropriate use of terminology accurately and with confidence | The project shows complex, accurate, and coherent concepts and terminology; showed broad awareness of ethical use of accepted referencing. | The project shows  some accurate and coherent concept; showed general awareness of ethical use of information mostly using accepted referencing and accurate terminology. | The project shows basic concepts with some accuracy; showed some awareness of ethical use of referencing, and some accurate use of terminology. | The project shows limited range of concepts and little or no awareness of ethical use of information, referencing or accurate use of terminology. |
| **Flexible, adaptive, critical and creative thinking** | Demonstrates creativity and agility in applying processes and techniques to familiar and unfamiliar scenarios | Demonstrates agility and confidence in applying processes and techniques to familiar and unfamiliar scenarios | Demonstrates appropriate processes and techniques to familiar and unfamiliar scenarios | Demonstrates occasional processes and techniques to familiar and unfamiliar scenarios | Demonstrates limited processes and techniques to familiar and unfamiliar scenarios |

**Assessment Criteria Mark Scale and descriptor**

Marking scale descriptor for criteria with 4 possible scores:

* ***Excellent (4)*** *– student has demonstrated fully and with outstanding quality the expected outcome required in a specific criterion*
* ***Above average (3)*** *– student has demonstrated almost all of the expected outcome required in a specific criterion with very good quality*
* ***Average (2)*** *– student has demonstrated most of the expected outcome required in a specific criterion with satisfactory quality*
* ***Poor (1)*** *– student has demonstrated unsatisfactorily the expected outcome required in a specific criterion*
* ***Nil (0)*** *– student has not presented any evidence of the expected outcome required in a specific criterion.*

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| **Written Proposal** | | **Weighting : 10%** | |
| **Criteria** | | **Possible score** | **Actual Score** |
| 1 | The student identified a suitable client/end-user. | **2** |  |
| 2 | Includes an overview of the existing system with specific description of its weaknesses/problems. | **4** |  |
| 3 | Identified and described the objectives (and/or benefits) of the proposed solution. | **4** |  |
| 4 | Includes a Gantt Chart that showed detailed activities involved in the development of the proposed solution | **4** |  |
| **Total Score** | | **14** |  |
| **Deductions ( \_\_\_\_ days late, \_\_\_\_\_\_%)** | |  |  |
| **Final Score** | |  |  |

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| **Documentation** | | **Weighting: 30%** | |
| **Criteria** | | **Possible score** | **Actual Score** |
| 1. **Technical Documentation** | | | |
| 1 | **Background Information about the Product** : Specified the name of the client/end-user and the nature of business; Described/explained the purpose or objectives of the systems; drawn up a final timetable for the project using a Gantt Chart (should be revised from original proposal) | **4** |  |
| 2 | **Project Design**: Described the hardware used and explained the purpose and how various software are used in the product; Design tools such as hierarchical navigation models or site map and wire frames for CSS are explained with supporting annotations and screenshots. | **4** |  |
| 3 | **Design Narrative**: Explains the operation of the various parts of the entire website starting from the home page. Design schemes such as colour schemes used, screen/page layouts, typefaces/font used and other design elements. At least two (2) advanced techniques applied in the product are described and the purpose of the use of each technique are explained. | **4** |  |
| 4 | **Testing and Implementation**: A qualified beta-tester and/or the client/end-user tested the product supported by a testing criteria questionnaire and signed by beta-tester. Explained suggested modifications/changes in the product supported by a before and after screenshots. | **4** |  |
| 5 | **Assessment of the Social significance of the Product**: Identifies and explains the observed impacts/benefits of the product to the client/end-user and the projected social impact of the product in a wider setting in the future. | **4** |  |
| 6 | **Sample screenshots** of data input forms and printed reports generated from the system | **2** |  |
| 1. **User Manual** | | | |
| 1 | **Basic Information**: Hardware and software requirements of the system were outlined and procedures to install the product are explained with screenshots. | **4** |  |
| 2 | **Data Entry and File Maintenance Procedures**: File maintenance routines such as how to navigate around the various links within the website using the Menu buttons and outside of the website are explained, supported with screenshots. | **4** |  |
| 3 | **Data Processing and Output Procedures**: Explains general processing, e.g. how to use interactive features such as video or audio streaming add-ins, sliders, Javascript objects, etc., viewing/printing of downloadable documents, and filling in of online forms, supported with screenshots. | **4** |  |
| 4 | **Trouble-shooting guide**: Identifies and explains technical problems that may be encountered and their solutions, supported with screenshots. | **4** |  |
| 1. **Log Book** | | | |
| 1 | The logbook contains regular, dated entries recording what the student has done throughout the whole period when the project was developed; presented in an organized and neat manner. | **4** |  |
| 2 | There is evidence of Systems Development Life Cycle (SDLC) stages applied in the making of the product (investigation, systems analysis, designing, development, testing and evaluation). | **4** |  |
| 1. **Overall Format and Presentation of documentation:** Neatness and organization of content. | | **4** |  |
| **Total Score** | | **50** |  |
| **Deductions ( \_\_\_\_ days late, \_\_\_\_\_\_%)** | |  |  |
| **Final Mark** | |  |  |

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| **Product** | | **Weighting: 50%** | |
| **Criteria** | | **Possible score** |
| 1 | **Analysis and design of the product**: Provides a feasible solution to the client’s problem : Product shows well-defined web pages & links between them, product is anchored by a fully functional navigation system | **4** |
| 2 | **Product Design execution and Level of complexity/difficulty** : Product shows appropriate and effective application of basic and advanced (e.g. CSS, Javascripts, etc.) tools/features of the selected software; at least two advanced techniques from the set guidelines are included in the product | **4** |
| 3 | **Product’s overall presentation**: Product showed elegantly designed page layout and appealing appearance, characterized by consistency in colour scheme, background contrast, font styles and use of design elements. | **4** |
| 4 | **Technical operations and capability of the product**: Evidence of testing; all parts of the product are fully operational/partially operational/non-operational. | **4** |
| 5 | **Self-Reflection**: Student evaluates his/her performance and experiences during the creation of the product using required Self-reflection form. | **4** |
| **Total Score** | | **20** |
| **Deductions ( \_\_\_\_ days late, \_\_\_\_\_\_%)** | |  |
| **Final Mark** | |  |

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| **Class Presentation** | | **Weighting: 10%** | |
| **Criteria** | | **Possible score** | **Actual Score** |
| 1 | **Evidence of planning and preparation**: Presentation supported by a visual aid, e.g. a well-designed slideshow and done within 10-15 minutes. | **4** |  |
| 2 | **Content of presentation:** Containsclient information, problem, solution, important features and client evaluation of the system. | **4** |  |
| 3 | **Reporting Attitude/Behaviour**: Audible voice, audience rapport,  self-confidence, mastery of subject matter, minimal use of cue cards | **4** |  |
| **Total Score** | | **12** |  |
| **Deductions ( \_\_\_\_ days late, \_\_\_\_\_\_%)** | |  |  |
| **Final Mark** | |  |  |

**Comments:**

**https://stackoverflow.com/questions/28954449/mobile-navigation-menu-not-working-html-css-jquery**

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| **Actual Score** |
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