*Information Technology*

*Unit 2: IT Pathways*

**Outcome 3: Tools, techniques and procedures**

**Assessment Sheet**

**Individual Assessment**

**Analysis**

|  |  |  |
| --- | --- | --- |
| Identify your four team members. | 1 |  |
| Define the problem – rewrite the problem in your own words by providing a succinct and logical problem statement. | 2 |  |
| Identify input and output requirements. | 1 |  |
| Identify any constraints - the constraints should identify any restrictions on the solution. These might include the software or hardware to be used, how often the information needs to be produced. | 2 |  |
| Identify and describe the audience and their characteristics. | 2 |  |
|  | 8 |  |

**Design**

|  |  |  |
| --- | --- | --- |
| Propose a design option with a design brief for the project based on the information gathered in the analysis phase | 4 |  |
| Produce fully annotated page layouts and a site map for each web page using the appropriate plans | 4 |  |
| Explain why the option was or was not selected by the team for development | 2 |  |
|  | 10 |  |

**Testing**

|  |  |  |
| --- | --- | --- |
| Produce test tables with test data and results | 5 |  |
| Create a questionnaire that contains questions that will give you information about the efficiency and effectiveness of your Web site. | 3 |  |
| Submit a completed questionnaire | 2 |  |
|  | 10 |  |

**Evaluation**

|  |  |  |
| --- | --- | --- |
| Produce a report that evaluates the efficiency of the website | 5 |  |
| Produce a report that evaluates effectiveness of the website | 5 |  |
|  | 10 |  |

**Group Assessment**

**Analysis**

|  |  |  |
| --- | --- | --- |
| Prepare a project plan (task analysis table) that identifies tasks, duration, milestones, and dependent tasks. | 3 |  |
| Create a Gantt chart for the whole project | 3 |  |
|  | 6 |  |

**Development**

|  |  |  |
| --- | --- | --- |
| Use a range of functions to produce a solution that meets current and future organisation needs. | 10 |  |
| Use appropriate formatting and software conventions | 5 |  |
| Use validation methods and techniques to enhance the quality of data | 3 |  |
|  | 18 |  |

**Totals**

|  |  |  |
| --- | --- | --- |
| **Group Assessment** | 24 |  |
| **Individual Assessment** | 38 |  |
|  | **62** |  |