

## Sample assessment task

# Unit 1, Outcome 3

## Collaboration and communication

### Outcome 3

On completion of this unit the student should be able to design and develop a website collaboratively with others that presents an analysis of a contemporary issue and the team's point of view on the issue.

### Task

For Unit 1, Outcome 3 students are required to work collaboratively in groups to design and develop a website that presents an analysis of an issue that relates to the use of an **information system**.

For preparation for this unit, students should initially study a range of issues related to the use of technology. Each group can then choose an issue of their own to investigate in depth.

Group should be encouraged to investigate a different issue to other groups within the same class and/or school.

The investigation needs to focus on and address the following elements:

- the nature of a contemporary issue associated with the use of information systems
- legal, social, environmental or ethical reasons for a contentious issue
- digital systems associated with the field and issue
- key stakeholders affected by the issue
- positive and negative opinions of each stakeholder.

Each group is required to collect both primary and secondary data related to the issue. The sources of data must be referenced using one of the referring methods listed in the Study Design.

Once the data is collected, students are required to use visualising thinking tools to analysis the data collected. These thinking tools will help them to analyse their issue.

Once the investigation is complete, each group is then required to design and develop a website to present their findings. Their design must incorporate suitable formats and conventions and design principles suitable to websites.

The website should be designed to be used on a mobile device. A key element of the unit involves each group applying principles of information architecture to present the information. This can include the use of headings and subheadings on an individual page and how the information may be divided into separate webpages.

Web authoring software is to be used to develop the website.

In addition to the investigation and website design and development, each group must also investigate ways in which users can express opinions about the issue on a website and consider the advantages and disadvantages of using cloud services when working in a group situation.

Finally, each group is required to create a technique that will assist in coordinating the project, including details of the tasks that make up the project, the group member responsible, the digital system components needed and the time allocated to complete each task.

## Requirements

1	Discuss the field and the issue to be investigated.	2 marks
2	Using appropriate software, create a project plan outlining the tasks of the project, the team member or members responsible, resources needed and the time required to complete the tasks.	4 marks
3	Using appropriate methods and techniques, collect a range of primary and secondary data. Reference the data using one of the appropriate referencing methods.	6 marks
4	Using a visualising thinking tool to analyse the data collected.	2 marks
5	Discuss two advantages and two disadvantages of using a cloud provider when working in a group situation.	4 marks
6	Using an appropriate design tool, show how the information will be structured between pages on the website.	2 marks
7	Using an appropriate design tool show how the information will be structured on single webpage.	2 marks
8	Discuss two formats and conventions included in the design.	2 marks
9	Discuss two design principles included in the design.	2 marks
10	Recommend two techniques that can be used to allow other users to post opinions about the issue online.	2 marks
11	Using web authoring software create the website that will display the findings of the investigation.	12 marks
<b>Total</b>		<b>40 marks</b>