Criterion E: Product development

**The student must present a list of the techniques used in the product at the start of this criterion.

A complex product is defined as one that includes at least **three appropriate advanced techniques**. The **list of techniques** will be posted on the OCC annually.

A simple product cannot be awarded more than 4 marks for criterion E.

**The information in the documentation linked to the development of the product must provide a detailed account, using extended writing, to justify the following.

- The structure of the product and why it is appropriate
- The techniques used (see the list on the OCC), including screenshots, in the development of the product, and reasons why they are appropriate to it
- Additional technical information, if appropriate, that will support the functionality of the product, such as web hosting or security information

**Any reference material such as templates, program code, applets or other materials that have been used or modified must be acknowledged. Failure to do so will be considered a significant omission.

Criterion E: Product development

The student must demonstrate the techniques, with screenshots, that were used to develop the IT solution identified in criterion B for the client identified in criterion A and justify why they have been used.

A complex product is defined as one that includes at least three appropriate advanced techniques. The list of techniques will be posted on the OCC annually.

Marks	Level descriptor
0	The work does not reach the standard described by the descriptors below.
1–2	The IT solution identified in criterion B is created. The techniques used to develop the complex product are identified **or** the techniques used to develop the simple product are described.
3–4	The IT solution identified in criterion B is created. The structure of the complex product **and** the techniques used to develop it are described (with screenshots) **or** the structure of the simple product and the choice of techniques used to create it are justified (with screenshots).
5–6	The IT solution identified in criterion B is created. The structure of the complex product **and** the choice of techniques used to develop it have been explained (with screenshots), with minor omissions. Sources have been acknowledged.
7–8	The IT solution identified in criterion B is created. The structure of the complex product **and** the choice of techniques used to develop it have been fully justified (with screenshots). Sources are cited appropriately.