

## Updated internal assessment criteria—SL and HL

### Criterion A: Initial investigation

Marks	Level descriptor
0	The work does not reach the standard described by the descriptors below.
1	A client <b>and</b> a problem with the present situation are identified.
2–3	A client is identified. The inadequacies of the present situation are explained with cited reference to the consultation with the client.

### Criterion B: Analysis

#### Requirements specification

The specific performance criteria within the requirements specification will be used in criterion F to evaluate the effectiveness of the product.

#### Justification of proposed solution

This is completed in extended writing.

Marks	Level descriptor
0	The work does not reach the standard described by the descriptors below.
1	The analysis form is used, refers to the scenario described in criterion A <b>and</b> includes either a requirements specification that can be used to partially evaluate the effectiveness of the IT solution or a limited explanation of why the IT solution was chosen.
2–3	The analysis form is used, refers to the scenario described in criterion A <b>and</b> includes a requirements specification that can be used to partially evaluate the effectiveness of the IT solution <b>and</b> an adequate explanation of why the IT solution was chosen.
4–5	The analysis form is used, refers to the scenario described in criterion A <b>and</b> includes a requirements specification that can be used to effectively evaluate the success of the IT solution <b>and</b> a detailed justification of why the IT solution was chosen.

## Criterion C: Project schedule

The project schedule must include the following.

- Dates
- Actions
- Details

Marks	Level descriptor
0	The work does not reach the standard described by the descriptors below.
1	The project schedule uses the project schedule form <b>and</b> refers to the proposed IT solution identified in criterion B, providing an outline schedule of the tasks involved in planning, designing, developing, testing and implementing the IT solution.
2–3	The project schedule uses the project schedule form <b>and</b> refers to the proposed IT solution identified in criterion B, providing a detailed schedule of the tasks involved in planning, designing, developing, testing and implementing the IT solution.  The project schedule can be used as a basis for the development of the IT solution.

## Criterion D: Product design

There are four significant components to the product design.

- Overall structure
- Internal structure
- List of resources
- List of techniques

The following information should also be included as part of the product design.

- Test plan
- Agreement of client

Marks	Level descriptor
0	The work does not reach the standard described by the descriptors below.
1–2	The product designs for the IT solution identified in criterion B use the product design form but have significant omissions. It is possible for the student to create the product from them, but they lack sufficient detail for an IT-literate third party to see how the product was created.
3–4	The product designs for the IT solution identified in criterion B use the product design form and include sufficient detail for an IT-literate third party to see how the product was created.

## 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 explain why they have been used.

An ITGS product is defined as one that includes at least three appropriate techniques.

The list of appropriate techniques (*Guidance on the appropriateness and complexity of the IT solution*) is posted on the OCC.

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 product are identified.
3–5	The IT solution identified in criterion B is created. The structure of the product and the choice of appropriate techniques used to develop it are described with screenshots. Sources are acknowledged.
6–7	The IT solution identified in criterion B is created. The structure of the product and the choice of appropriate techniques used to develop it are explained with screenshots. Sources are acknowledged.

## Criterion F: Product evaluation and future product development

The student must evaluate the effectiveness of the finished product, based on feedback from the client. This must include direct references to the specific performance criteria identified in the requirements specification as part of criterion B.

The student must recommend proposals for future improvements of the product.

Marks	Level descriptor
0	The work does not reach the standard described by the descriptors below.
1–2	A limited evaluation of the product, based on feedback from the client is completed, and superficial and impractical recommendations are made for its further development. There is limited reference to the specific performance criteria identified in the requirements specification.
3–4	The product is evaluated, based on feedback from the client and the specific performance criteria identified in the requirements specification, <b>and</b> appropriate recommendation(s) are made for future development of the product.

## Criterion G: Required elements

This criterion assesses the extent to which the four formal requirements are met.

- The content within the product is sufficient for an IT-literate third party to reliably evaluate its effectiveness **and** the product functions as required.
- The prescribed cover page is used and functions as required.
- Appropriate file names and folder structures are used throughout the project.
- A screencast is included with the product.

Marks	Level descriptor
0	None of the formal requirements are met.
1	Any <b>one</b> of the formal requirements is met.
2	Any <b>two</b> of the formal requirements are met.
3	Any <b>three</b> of the formal requirements are met.
4	All <b>four</b> of the formal requirements are met.