|  |  |
| --- | --- |
| Project Title | BSA Troop 1453 Website |
| Web Access (if available) | http://troop1453.meftech.org/ |
| URL/Password from cover page | Admin Account Details:  email: dorantesnikolaevb@mefis.k12.tr  password: YtM6kvHbDvvD2HC  Member Account Details:  email: bogdik\_2003@outlook.com  password: QpBHXjbTmN2r6rg |
| Client | Jeff Braithwaite |
|  |  |
| Session (i.e. M18, N18) | M21 |

## The ITGS teacher needs to refer to the assessment criteria throughout marking and provide comments in blue to explain the awarding of marks. Save as docx, doc or pdf file in student folder.

There are seven criteria for the project.

The criteria should be applied systematically against the relevant parts of the project.

• The documentation supporting the product is assessed in criteria A–F inclusive.

• The functionality and organization of the product and cover page are assessed in criterion G.

# Criterion A: Initial investigation (0-3 marks)

|  |  |  |  |
| --- | --- | --- | --- |
| **Marks** | **Level Descriptor** | **Actual**  **Mark** | **Comments** |
| 0 | The work does not reach the standard described by the descriptors below. | **3** | * Client is clearly identified and the consultation is referenced * Problem is clearly identified * Inadequacies are explained. |
| 1 | A client **and** 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 (0-5 marks)

**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.

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| --- | --- | --- | --- |
| **Marks** | **Level Descriptor** | **Actual**  **Marks** | **Comments** |
| 0 | The work does not reach the standard described  by the descriptors below. | **5** | * All requirement specs are highly detailed. * SPC are detailed, measurable, and relevant to the product * Justification is very detailed, touching on security, privacy, skillset of the student, feasibility, and why it is a good solution. |
| 1 | The analysis form is used, refers to the scenario  described in criterion A **and** 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 **and** includes a requirements specification that can be used to partially evaluate the effectiveness of the IT solution **and** 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 **and** includes a requirements specification that can be used to effectively evaluate the success of the IT solution **and** a detailed justification of why the IT solution was chosen. |

# Criterion C: Project schedule (0-3 marks)

The project schedule must include the following.

* Dates
* Actions
* Details

|  |  |  |  |
| --- | --- | --- | --- |
| **Marks** | **Level Descriptor** | **Actual**  **Marks** | **Comments** |
| 0 | The work does not reach the standard described by the descriptors below. | **3** | * Each step has multiple entries. Very detailed schedule. |
| 1 | The project schedule uses the project schedule form **and** 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 **and** 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 (0-4 marks)

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

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| --- | --- | --- | --- |
| **Marks** | **Level Descriptor** | **Actual**  **Marks** | **Comments** |
| 0 | The work does not reach the standard described  by the descriptors below. | **4** | * Overall structure and internal structure are both present, and detailed, with labels, but no real explanations. * Thorough list of resources with specific urls. * Techniques listed and well explained * Test Plan is detailed and related to SPC fro Crit B. * Signature is present. * Overall, extremely detailed. Only lacking some explanations, however still deserves full marks. |
| 1-2 | The product design 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 (0-7 marks)

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 is posted on the OCC.

|  |  |  |  |
| --- | --- | --- | --- |
| **Marks** | **Level Descriptor** | **Actual**  **Marks** | **Comments** |
| 0 | The work does not reach the standard described  by the descriptors below. | **7** | * 5 techniques listed at top * Organisation is explained with screenshots * 1st technique clearly explained with annotated screenshots and citations * 2ns technique : CSS explained with screenshots and outcome of page without CSS (but no comparison when it is being used…) * citations present * 3rd technique: navigation buttos explained with annotated screenshots and citations. Webpage screenshot is included, but would be more effective throughout the explanation. * Ctations present * 4th technique: displayed but not explained. * with citations. * 5th technique: describes parameter passing, but does not really make it clear what a parameter is. * Citations present. * Missing some detail at times, but overall extremely detailed. |
| 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: Project evaluation and future product development (0-4 marks)

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 improvement of the product.

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| --- | --- | --- | --- |
| **Marks** | **Level Descriptor** | **Actual**  **Marks** | **Comments** |
| 0 | The work does not reach the standard described by the descriptors below. | **3** | * SPC are discussed in both documents * Evidence is given regarding SPC in the evaluation * Client signature present * Future recommendations are made, but only briefly explained. |
| 1-2 | A limited evaluation of the product based on the feedback from the client is completed, and superficial and impractical recommendations are made for its future 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, **and** appropriate recommendation(s) are made for future development of the product. |

# Criterion G: Required elements (0-4 marks)

The criterion assesses the extent to which the three 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 are 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.

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| --- | --- | --- | --- |
| **Marks** | **Level Descriptor** | **Actual**  **Marks** | **Comments** |
| 0 | None of the formal requirements are met. | **4** | * All 4 formal requirements are met. |
| 1 | Any **one** of the formal requirements is met. |
| 2 | Any **two** of the formal requirements are met. |
| 3 | Any **three** of the formal requirements are met. |
| 4 | All **four** of the formal requirements are met. |  |  |

# Total marks (30 marks) = 29

**Additional Comments**

3, 5, 3, 4, 7, 3, 4 = 29

**DIRECTIONS**

After the teacher marks and comments have been entered on this form:

1. Save the form as doc, docx or pdf file.
2. This teacher justification form must be placed in the student’s folder before it is zipped.
3. Follow the instructions submitting the ITGS Project sample. This information is found in the *Assessment Procedures for 2018.*
4. Do not include the candidate’s name and number or the school name.