## Rubric

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| --- | --- | --- | --- | --- | --- | --- |
|  | **Knowledge, Comprehension & Application** |  |  |  |  |  |
| **CRITERIA** | **EXPECTATIONS** | **POSS** | **STUDENT** | **GIVEN** | **MULTI** | **TOTAL** |
| **Poster 1**  (small group) | You have **submitted a poster** which demonstrates the conceptualisation process, **your ability to describe and visually represent your ideas**, etc. This poster should include a clear description, sketches, mind mapping, card sorting and/or other forms of visual prototyping. | 2 | \_\_/2 | \_\_/2 | A x2  T x1 | A \_\_/ 4 T \_\_/ 2 |
| **Poster 2**  (small group) | You have **submitted a poster** that documents **lightweight specification** materials such as process diagrams and decision flows, CAD/Formal Designs, examples from implementation, resource consumption, and a brief review of the success of their solution. | 2 | \_\_/2 | \_\_/2 | A x2  T x1 | A \_\_/ 4 T \_\_/ 2 |
| **Implementation files**  (small group) | You have submitted **evidence of your implementation files** including code and videos of your working solution. Code solutions should be submitted in markdown format as well as INO. | 2 | \_\_/2 | \_\_/2 | A x2  T x1 | A \_\_/ 4 T \_\_/ 2 |
| **Team work review** | You have submitted evidence of your **team review documentation**, including evaluating your team mates. | 2 | \_\_/2 | \_\_/2 | A x2  T x1 | A \_\_/ 4 T \_\_/ 2 |
|  | **Analysis, Synthesis & Evaluation** |  | | **SUBTOTAL** | | **A \_ / 22**  **T \_ / 8** |
| **Conceptualisation** | Your evidence provided your **clear understanding of the conceptualisation process**, including idea generation, problem identification, and potential solutions. They should be able to **describe the process and its importance** in the development of a design solution. This includes the ability to **use relevant technology concepts, principles, and data to address the identified need, problem, or challenge**. Evidence of knowledge and understanding can be **showcased through various mediums**, such as written explanations, diagrams, or presentations, using appropriate metalanguage and referencing. | 4 | \_\_/4 | \_\_/4 | - | \_\_/ 4 |
| **Research and Design** | Your evidence demonstrates a **comprehensive understanding of the design process**, including decision-making, planning, and development stages. They should be able to **describe how the design process relates to the creation of effective and appropriate solutions**, considering ethical and sustainable applications of technology. Evidence should be provided through **written or visual documentation,** showcasing the application of technology concepts, strategies, and methodologies in the context of the design process. | 4 | \_\_/4 | \_\_/4 | - | \_\_/ 4 |
| **Implementation** | Your evidence demonstrates your ability to **effectively implement their design solution**, using appropriate techniques and approaches. This includes the creation of prototypes, the testing and evaluation of solutions, and iterative improvement based on feedback and review. Students should **provide evidence of their ability** to apply technology concepts and strategies, taking into account the impact of context on the implementation. Documentation, such as photographs, videos, or written records of the implementation process, should be presented to demonstrate the students' proficiency in executing their design solutions. | 4 | \_\_/4 | \_\_/4 | - | \_\_/ 4 |
| **Reflection** | Your evidence should showcase your capacity to **reflect on their own thinking and learning process**, as well as their interpersonal skills, including planning, time management, and collaboration. Evidence should include an evaluation of their design solutions and the development process, **highlighting areas of improvement, challenges faced, and lessons learned**. Students should also demonstrate the ability to adapt and refine their knowledge and understanding based on their reflections. | 4 | \_\_/4 | \_\_/4 | - | \_\_/ 4 |
|  | **Submission Guidelines** |  | | **SUBTOTAL** | | **\_\_ / 16** |
| **Overall submission quality** | **Assessment submission is ordered** and has a definite pattern to its construction. **The reader is not confused about the content in any given section and can follow the submission flow** easily. | 4 | \_\_/ 4 | \_\_/ 4 | A x2  T x1 | A \_\_/ 8 T \_\_/ 4 |
|  |  |  | | **SUBTOTAL** | | A \_\_/ 8 T \_\_/ 4 |
|  | DAYS LATE \_\_\_/7 = \_\_\_% |  |  | **FINAL** | | **A \_\_/48 T \_\_/40** |