NEA Markscheme & Deadlines

| Section | Max Mark |

| ------------------ | -------- |

| Analysis | 9 |

| Documented Design | 12 |

| Technical Solution | 42 |

| Testing | 8 |

| Evaluation | 4 |

| Total | 75 |

\*\*Analysis\*\*

- \*\*Introduction\*\*: description of the problem

- \*\*Research\*\*: sufficient detail for a 3rd party to understand the problem being solved/investigated

-Existing software?

-Communication with 3rd party/client

-Algorithms? Formulas?

-Prototype?

- \*\*Objectives\*\*: numbered list of measurable appropriate specific (SMART) objectives, covering all required functionality of the solution or areas of investigation. Objectives must be single purpose and at a high level of detail

- \*\*Modelling\*\*: high-level E/R, Class diagram to fuel the design stage

\*\*Design

- \*\*Charts/ Diagrams\*\*: Structure/hierarchy chart, system flowchart, data flow diagram, object/class diagrams,, with any further explanation (or non-standard diangrams that combine elements of data flow and program control flow)

- \*\*Algorithms\*\*: processing of data should be at the heart of all projects

- \*\*Data structures\*\*: arrays, records, stacks, queues, hash tables...

- \*\*File structure and organisation\*\*

- \*\*Queries\*\*

- \*\*HCI\*\*: human-computer interaction

- \*\*Hardware selection/design\*\*

Tech