**Database Design & Development (Advocate: Thiago Viana)**

**P1 Design a relational database system using appropriate design tools and techniques, containing at least four interrelated tables, with clear statements of user and system requirements.**

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| <https://github.com/HORNETJOE/Database/blob/master/README.md#erd> |
| This link will direct to the database repository which contains an exclamation on what a ERD flowchart is and an example of one. |

**P2 Develop the database system with evidence of user interface, output and data validations, and querying across multiple tables.**

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| <https://github.com/HORNETJOE/Database/blob/master/README.md#output> |
| The link above will direct to images which shows that the database has evidence of user interface, output and data validations, and querying across multiple tables. |

**P3 Implement a query language into the relational database system.**

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| <https://github.com/HORNETJOE/Database/blob/master/README.md#insert> |
| The link above will direct to the code that was used during the creation o the database |

**P4 Test the system against user and system requirements.**

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| <https://github.com/HORNETJOE/Project-04> |
| Please provide a short (between 3 to 8 well considered, fully proofread and reflected sentences) explanation that justifies why the evidence/links you have provided is suitable as evidence of this requirement |

**P5 Produce technical and user documentation.**

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| <https://github.com/HORNETJOE/Database/blob/master/README.md#technical-documentation> |
| The link above will direct to the technical documentation about the database. |

**M1 Produce a comprehensive design for a fully functional system which includes interface and output designs, data validations and data normalisation.**

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| To be completed |
| To be completed |

**M2 Implement a fully functional database system which includes system security and database maintenance.**

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| To be completed |
| To be completed |

**M3 Assess whether meaningful data has been extracted through the use of query tools to produce appropriate management information.**

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| To be completed |
| To be completed |

**M4 Assess the effectiveness of the testing, including an explanation of the choice of test data used.**

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| <https://github.com/HORNETJOE/Project-04> |
| Please provide a short (between 3 to 8 well considered, fully proofread and reflected sentences) explanation that justifies why the evidence/links you have provided is suitable as evidence of this requirement |

**Produce technical and user documentation for a fully functional system, including diagrams showing movement of data through the system, and flowcharts describing how the system works.**

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| To be completed |
| To be completed |

**Assess the effectiveness of the design in relation to user and system requirements.**

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| To be completed |
| To be completed |

**Evaluate the effectiveness of the database solution in relation to user and system requirements, and suggest improvements.**

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| To be completed |
| To be completed |

**Assess any future improvements that may be required to ensure the continued effectiveness of the database system.**

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| To be completed |
| To be completed |