**Software Development Lifecycles (Advocate: Shujaat Shah)**

**P1 - Describe two iterative and two sequential software lifecycle models.**

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| <https://github.com/Ahm15275097/software-dev/blob/master/assignment.md#iterative-models>  [https://github.com/Ahm15275097/software-dev/blob/master/assignment.md#sequential-models](https://github.com/Ahm15275097/software-dev/blob/master/assignment.md" \l "sequential-models) |
| Here, I have talked about 2 sequential and iterative models |

**P2 - Explain how risk is managed in the Spiral lifecycle model.**

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| <https://github.com/Ahm15275097/software-dev/blob/master/assignment.md#risk-management-in-spiral-model> |
| This talks about the risks associated with this particular lifecycle model |

**P3 - Explain the purpose of a feasibility report.**

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| <https://github.com/Ahm15275097/software-dev/blob/master/assignment.md#purpose-of-a-feasibility-report-lo2> |
| This sections details the importance of why a feasibility report is done |

**P4 - Describe how technical solutions can be compared.**

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| <https://github.com/Ahm15275097/software-dev/blob/master/assignment.md#how-technical-solutions-can-be-compared> |
| This section goes over technical solutions and their comparisons |

**P5 - Undertake a software investigation to meet a business need.**

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| <https://github.com/Ahm15275097/Restaurant-Mobile-APP> |
| 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. |

**P6 - Use appropriate software analysis tools/techniques to carry out a software investigation and create supporting documentation.**

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| <https://github.com/Ahm15275097/Restaurant-Mobile-APP> |
| 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. |

**P7 - Explain how user and software requirements have been addressed.**

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| <https://github.com/Ahm15275097/Restaurant-Mobile-APP#requirements> |
| 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. |

**M1 - Describe, with an example, why a particular lifecycle model is selected for a development environment.**

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| <https://github.com/Ahm15275097/software-dev/blob/master/assignment.md#why-a-lifecycle-model-is-selected> |
| 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. |

**M2 - Discuss the components of a feasibility report.**

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| <https://github.com/Ahm15275097/software-dev/blob/master/assignment.md#components-of-a-feasibility-report> |
| 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. |

**M3 - Analyse how software requirements can be traced throughout the software lifecycle.**

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| <https://github.com/Ahm15275097/software-dev/blob/master/assignment.md#how-software-requirements-can-be-traced-throughout-the-software-lifecycle> |
| 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 |

**M4 - Discuss two approaches to improving software quality.**

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| <https://github.com/Ahm15275097/software-dev/blob/master/assignment.md#two-approaches-of-improving-software-quality> |
| 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. |

**M5 - Suggest two software behavioural specification methods and illustrate their use with an example.**

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| <https://github.com/Ahm15275097/software-dev/blob/master/assignment.md#two-software-behavioural-specification-methods> |
| 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 |

**M6 - Differentiate between a finite state machine (FSM) and an extended- FSM, providing an application for both.**

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| <https://github.com/Ahm15275097/software-dev/blob/master/assignment.md#finite-state-machine-and-extended-finite-state-machine> |
| 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 |

**D1 - Assess the merits of applying the Waterfall lifecycle model to a large software development project.**

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| Please use this section to provide all appropriate, valid and checked http Links that point to your evidence; use multiple lines to separate multiple links. |
| 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 |

**D2 - Assess the impact of different feasibility criteria on a software investigation.**

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| Please use this section to provide all appropriate, valid and checked http Links that point to your evidence; use multiple lines to separate multiple links  N/A Yet to do |
| 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 |

**D3 - Critically evaluate how the use of the function design paradigm in the software development lifecycle can improve software quality.**

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| Please use this section to provide all appropriate, valid and checked http Links that point to your evidence; use multiple lines to separate multiple links  N/A Yet to do |
| 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 |

**D4 - Present justifications of how data driven software can improve the reliability and effectiveness of software.**

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| Please use this section to provide all appropriate, valid and checked http Links that point to your evidence; use multiple lines to separate multiple links  N/A Yet to do |
| 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 |