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**VR1Family Charity Aid Services**

**Assignment 01**

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| **Student Name** |  |
| **Student ID** |  |
| **Date** |  |
| **Subject** | **SWEN90016**  **Software Processes and Management** |

**Question 1: Business Case**

What is the business case (need for this project). Keep your answer to a few sentences. (Suggested Word Limit: 100 – 150 words)

**Question 2: Risk Analysis**

Identify two things that could go wrong in this project – otherwise known as *Risks*, resulting in the project not achieving the intended goal/s. Clearly mention the *Justification* and *Impact* that each of these risks could have on the project. (Suggested Word Limit:250 – 300 words)\*

* Ensure that you identify risks that are *unique to the characteristics of this case study.*
* If you are arguing for generic risks (such as project budget or timelines), you ***must*** mention clearly why these generic risks are important in the context of this case study.
* While you are encouraged to identify both risks unique to this case study, at-least an argument for one unique risk is needed.

Generic risks that can occur in any project include project members leaving the project, or project running out of budget before completion. If you discuss on the generic risks alone (without their relation to the case study), the maximum score for this question will be capped at 2 out of 4.

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| Risk – 1 | |
| Risk Statement |  |
| Probability of Risk |  |
| Impact of the Risk |  |
| Justification | Consider both the probability and impact when making your arguments here |

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| Risk – 2 | |
| Risk Statement |  |
| Probability of Risk |  |
| Impact of the Risk |  |
| Justification | Consider both the probability and impact when making your arguments here |

**Question 3: SDLC Recommendation**

Discuss two possible Software Development Lifecycle models (SDLCs) that you would consider for this case study. This should include the pros and cons of each of your choices, referring to specific project characteristics as outlined in the case study. Use at-least two external references to support your argument. You should clearly link which Section of the case study is being supported by these external references, in your arguments. Without this link in your arguments, the maximum score will be capped at 6/10. (Suggested Word Limit: 1350 – 1500 words)

**Note**: You are not required to choose one SDLC from your two recommendations. You are giving sufficient information for the clients to make the decision themselves, based on two SDLC’s that you are arguing for.

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| Software Development Life Cycle (SDLC) – 1 | |
| SDLC Name |  |
| Justification | Be clear and specific about how the characteristics/capabilities offered by the SDLC model *apply to the needs of this case study*. This can be done by strategizing your arguments around three main considerations given below  WHAT capabilities of the recommended SDLC help to meet the requirements of this case study?  HOW does the recommended capabilities of the SDLC help to meet the requirements of this case study?  WHY are the recommended capabilities of the SDLC important to meet the requirements of this case study?  Formulate your arguments based on the strategy that you undertook in the tutorials for the Medic Case Study |

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| Software Development Life Cycle (SDLC) – 2 | |
| SDLC Name |  |
| Justification | Be clear and specific about how the characteristics/capabilities offered by the SDLC model *apply to the needs of this case study*. This can be done by strategizing your arguments around three main considerations given below  WHAT capabilities of the recommended SDLC help to meet the requirements of this case study?  HOW does the recommended capabilities of the SDLC help to meet the requirements of this case study?  WHY are the recommended capabilities of the SDLC important to meet the requirements of this case study? |

**Question 4:**

To be released later as a part of Assignment 2 in Week 5.