**Section: Project Management (Advocate: Mike Watkins)**

**P1 Devise project aims and objectives for a chosen scenario.**

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| <https://github.com/s-j-pearce/HND-VG-ZSL-AMAZING-ANIMAL-RESCUE#i-project-overview> |
| The Link above will take you to my repository for my ZSL project. The link will direct you straight to my project overview where I explain the purpose and reasoning as to why the project is being undertaken. The link takes you to the start of my project overview and just below my quick summary you can see that I have listed the aims and objectives for the project. |

**P2 Produce a project management plan that covers aspects of cost, scope, time, quality, communication, risk and resources.**

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| <https://github.com/s-j-pearce/HND-VG-ZSL-AMAZING-ANIMAL-RESCUE#project-management-documentation> |
| The link above will take you to the start of my project management documentation. As you start to scroll down the project management documentation you will then get to the areas where I speak about cost, scope, time, quality, communication, risk and also resources. All of these points were crucial in the plan to finish this project effectively. |

**P3 Produce a work breakdown structure and a Gantt Chart to provide timeframes and stages for completion.**

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| <https://github.com/s-j-pearce/HND-VG-ZSL-AMAZING-ANIMAL-RESCUE#iii-scheduleplan> |
| The link above will take you to the section of my repository where I explain the schedule/plan of the project. I start the section by showing the Gantt chart that we designed and stuck too during the project. Below the Gantt chart is the work breakdown structure which explains the use of the agile project management technique. Although the Gantt chart itself has specific date and time frames on, there is also a section further down just after the agile method explanation that shows the sprints that we used to complete the tasks set by ourselves. Also, below the sprints there is also a section discussing the times everyone was available to work on the project as well as a list of some of the deadlines that we had received and stuck too. |

**P4 Carry out small-scale research by applying qualitative and quantitative research methods appropriate for meeting project aims and objectives.**

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| <https://github.com/s-j-pearce/Reducing-vulnerabilities#03-difference-between-qualitative-and-quantitative-research>  <https://github.com/s-j-pearce/Reducing-vulnerabilities#04-how-does-this-research-link-to-my-project-aims-and-objectives>  <https://github.com/s-j-pearce/Reducing-vulnerabilities#10-primary-research> |
| The first link above will take you to an area of my repository where I discuss the difference between qualitative and quantitative research methods. I simply just explained the difference here in a quick section as further below you can see my research findings where I show my different use of qualitative and quantitative questions in my questionnaire.  The second link will take you to another section where I explain how carrying out this research is going to help me in my project. I explain how the research is going to help further my understanding and how that it will translate into my current projects and future projects.  The third link takes you to the main section of my repository where I explain in detail my research and my findings. I have broken my primary research down into sections which are explain in detail and complimented by screen shots of the results, charts and graphs. |

**P5 Analyse research and data using appropriate tools and techniques.**

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| <https://github.com/s-j-pearce/Reducing-vulnerabilities#05-tools-and-techniques-used>  <https://github.com/s-j-pearce/Reducing-vulnerabilities#10-primary-research> |
| The first link will take you to an area where I discuss the tools and techniques used within my research project and my reasoning behind why I used them.  The second link is for the actual research project so that you can see if you read through it how I have incorporated the tools and techniques into my research and analysis to get the conclusions that I have. |

**P6 Communicate appropriate recommendations as a result of research and data analysis to draw valid and meaningful conclusions.**

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| <https://github.com/s-j-pearce/Reducing-vulnerabilities#40-conclusion-1>  <https://github.com/s-j-pearce/Reducing-vulnerabilities#41-conclusion-2>  <https://github.com/s-j-pearce/Reducing-vulnerabilities#42-conclusion-3> |
| The first link will take you to my first conclusion for my research project.  The second link will take you to my second conclusion for my research project.  The third link will take you to my third conclusion for my research project.  All of the links take you to all three of my conclusions for my research project where I suggest reasonable recommendations to help reduce software vulnerabilities during the development process. |

**P7 Reflect on the value of undertaking the research to meet stated objectives and own learning and performance.**

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| <https://github.com/s-j-pearce/Reducing-vulnerabilities#50-reflection-of-the-value-of-undertaking-this-research> |
| The link above will take you to the final section in my repository where I discuss and reflect on the value of undertaking the research project to meet stated objectives and to also develop my own learning and performance. Within this section I discussed how it has affected me and how I will now incorporate all that I have learnt from this research into my current and future projects. I also discussed how I may have altered the research if done again to get possibly more detailed results. I lastly discussed how this research will help me to meet objectives in future projects. |

**M1 Produce a comprehensive project management plan, milestone schedule and project schedule for monitoring and completing the aims and objectives of the 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  *To achieve this (as P3), you are expected to create an appropriate set of user stories (including title, content & story-points) and an appropriate Gantt chart showing the 5 main sections (requirements, design, development, testing, delivery/deployment) and then showing the epic tasks (milestones) associated with each, together with start, duration and end dates.*  *You will also be expected to provide evidence of monitoring and completing objectives (sprint session reviews and actions, burn-down chart, etc.)*  *And a final review of the completion state of each of the epics (milestones)* |

**M2 Evaluate the accuracy and reliability of different research methods applied.**

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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  *See earlier point for research* |

**M3 Evaluate the selection of appropriate tools and techniques for accuracy and authenticity to support and justify recommendations.**

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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  *See earlier point for research* |

**M4 Evaluate the value of the project management process and use of quality research to meet stated objectives and support own learning and performance.**

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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  *To achieve this you should point to your project’s final review – to help, review your notes for our description (this week) of the difference between, explain, analysis, compare, evaluate and use this to critique the pro’s and con’s of project management (as defined in the statement above)* |

**D1 Critically evaluate the project management process and appropriate research methodologies applied.**

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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  *Although this should now be self-evident, See earlier point for research* |

**D2 Critically evaluate and reflect on the project outcomes, the decision making process and changes or developments of the initial project management plan to support justification of recommendations and learning during the 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  *To achieve this, you should recall and consider where you can point to that reviews the various elements of your project (outcome, decision making, changes, etc) – review your notes on how we defined ‘critical’ and ‘evaluate’ and ‘reflect’* |