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

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

|  |
| --- |
| <https://github.com/SDearing/ZSL-The-Climate-Menace/blob/master/README.md#overall-aims-and-objectives>  <https://github.com/SDearing/Project-03#project-aims>  <https://github.com/SDearing/Project-02#project-aims> |
| In all links the aims of the project have been broken down into smaller objectives to help with the planning of the project. |

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

|  |
| --- |
| <https://github.com/SDearing/ZSL-The-Climate-Menace/blob/master/README.md#project-management-plan> |
| In this documentation in the **Project Management Plan** section I outline the cost, scope, time, quality, communication, risk and resources needed to complete this project. |

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

|  |
| --- |
| <https://github.com/SDearing/ZSL-The-Climate-Menace/blob/master/README.md#gantt-chart-for-development>  <https://github.com/SDearing/ZSL-The-Climate-Menace/blob/master/README.md#burndown-chart-for-project>  <https://github.com/SDearing/ZSL-The-Climate-Menace/blob/master/README.md#monday-16th-sprint-1>  <https://github.com/SDearing/ZSL-The-Climate-Menace/blob/master/README.md#monday-16th-sprint-2>  <https://github.com/SDearing/ZSL-The-Climate-Menace/blob/master/README.md#30th-october-7th-november-sprint-3> |
| The first link leads to a Gantt chart we used to manage our time during our ZSL project, the second link leads to the burndown chart which managed the amount of work completed throughout the project. The last two links lead to structured tables for different sprints of work during the project, with time frames and whether the task was completed during the sprint. |

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

|  |
| --- |
| <https://github.com/SDearing/Reducing_Software_Vulnerabilties_within_Software_Development/blob/master/README.md#primary-research>  <https://github.com/SDearing/ZSL-The-Climate-Menace/blob/master/README.md#quantitative-research>  <https://github.com/SDearing/ZSL-The-Climate-Menace/blob/master/README.md#qualititave-research> |
| The first link leads to my primary research in my research project, where in my questionnaire I use with quantitate and qualitative research methods in my questionnaire so that I can meet the aims of my research.  The last two links lead to an outline of the research conducted to reach the aims given by ZSL for the ZSL project. |

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

|  |
| --- |
| <https://github.com/SDearing/Reducing_Software_Vulnerabilties_within_Software_Development/blob/master/README.md#data-analysis> |
| This link leads to a section of my research report on software vulnerabilities in software development, where I analyse the data from my primary research using different tools and techniques |

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

|  |
| --- |
| <https://github.com/SDearing/Reducing_Software_Vulnerabilties_within_Software_Development/blob/master/README.md#valid-and-meaningful-conclusions> |
| This link leads to a section of my research report on software vulnerabilities in software development, where I draw valid and meaningful conclusions based off my primary research and my data analysis. |

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

|  |
| --- |
| <https://github.com/SDearing/Reducing_Software_Vulnerabilties_within_Software_Development/blob/master/README.md#reflection-of-the-value-of-undertaking-this-research> |
| This link leads to a section of my research report on software vulnerabilities in software development, where I reflect on the value of my primary research and how it met my objectives of the research and an evaluation of how I performed in the research. |

**M1 Produce a comprehensive project management plan, milestone schedule and project schedule for monitoring and completing the aims and objectives of the project.**

|  |
| --- |
| 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.**

|  |
| --- |
| 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.**

|  |
| --- |
| 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.**

|  |
| --- |
| 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.**

|  |
| --- |
| 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.**

|  |
| --- |
| 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’* |