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

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

|  |
| --- |
| <https://github.com/LBruni98/Jet-Set-Willy-3-A-New-Beginning#12-general-aims> |
| The link above directs the user to my capstone project repo README document. The evidence lies within the README document under the ‘general aims’ heading. I believe this is suitable evidence because it has the aims of what must be accomplished. Other objectives are listed under the project’s ‘secondary objectives’ sub-heading. |

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

|  |
| --- |
| <https://github.com/LBruni98/Jet-Set-Willy-3-A-New-Beginning#13-requirements> |
| Again, the link above leads to my capstone project repo README document. Toward the beginning of the document is the ‘requirements’ section, where the requirements of the project, cost and scope are listed. This is sufficient evidence because a majority of the criteria is covered within this section and more plans are devised further on in the document, including a Gantt Chart to aid to lay out time frames for each task that each member of the team should do. |

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

|  |
| --- |
| <https://github.com/LBruni98/Jet-Set-Willy-3-A-New-Beginning#14project-schedule>  <https://github.com/LBruni98/Jet-Set-Willy-3-A-New-Beginning/blob/master/README.md#19development-aims> |
| The links above is to the Gantt Chart in the README document of my capstone project repo and the user stories. The Gantt Chart provides an estimation of the amount of time that could be taken but also the overall structure of the project, what task should come next after a specific task. The second link lists the user stories that will be carried out during development of the project. |

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

|  |
| --- |
| <https://github.com/LBruni98/Jet-Set-Willy-3-A-New-Beginning#341-introduction> |
| The link takes the user to a part of the capstone project README document. This section is the introduction to the primary research portion of my report. In this section, I note how the research will be carried out; a survey that focuses on online security and software vulnerabilities. The surveys would be given to 20 random people and describes that the reason for the surveys were to see if three main questions can be answered; How well do people know software vulnerabilities and vulnerabilities in general? What can a programmer do to prevent and reduce software vulnerabilities? How do people apply security in their personal lives? |

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

|  |
| --- |
| <https://github.com/LBruni98/Jet-Set-Willy-3-A-New-Beginning#342-how-well-do-people-know-software-vulnerabilities-and-vulnerabilities-in-general> |
| This link takes the user to the first section of the research. The evidence that I analysed this data is from this section onwards, with each section being devoted to the questions laid out in the introduction. The sections go in depth with each question in the survey, explaining the average amount of answers from the participants, etc. with charts to showcase each average amount of answers from the participants in certain questions. |

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

|  |
| --- |
| <https://github.com/LBruni98/Jet-Set-Willy-3-A-New-Beginning/blob/master/README.md#3511-communicating-recommendations> |
| The link takes the user to a part of the capstone project README document. This section of the report details the proposed recommendations from the report. The recommendations were given based on the analysis in the earlier sections and goes into detail about how the following answers to the main questions could be improved. |

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

|  |
| --- |
| <https://github.com/LBruni98/Jet-Set-Willy-3-A-New-Beginning#351-primary-research-conclusion> |
| The link takes the user to a part of the capstone project README document. The reflections of the primary research are in the conclusion section, where I discuss how the research helped in achieving the objectives that I had set and how it made for accurate answers, along with how it helps to expand and gain understanding. |

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

|  |
| --- |
| <https://github.com/LBruni98/ZSL-The-Climate-Menace#zsl-project-backlog> |
| Above is the link to the ZSL project repo. Here, the plan is listed in the ZSL backlog. This proves as sufficient evidence because it lists each individual milestone of each project; from the ideas down to the initial presentation. It also contains the tasks that each group member has been assigned, monitoring their progress. The Gantt Chart also provides a plan on the completion of each task. |

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

|  |
| --- |
| <https://github.com/LBruni98/Jet-Set-Willy-3-A-New-Beginning#351-primary-research-conclusion> |
| The link takes the user to a part of the capstone project README document. The criterion is listed under the primary research and goes into the methods of research that I had applied. Each method is evaluated and along with how they helped give me accurate and reliable answers. |

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

|  |
| --- |
| <https://github.com/LBruni98/ZSL-The-Climate-Menace/blob/master/README.md#57-tools-and-techniques> |
| Above is the link to the Glossary of Tech terms repo. The criterion is listed under the heading “IDE”, where the common IDE is evaluated along with its features. This serves as sufficient evidence because it describes what an IDE is, what features they commonly have and is compared to non-IDE software, noting the benefits over it and why I consider it more in the future. |

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

|  |
| --- |
| <https://github.com/LBruni98/ZSL-The-Climate-Menace#project-evaluation> |
| The link above leads to the ZSL project’s README document. The criterion in question is listed is within the project evaluation. I used this as evidence because of the project management used where I explained the benefits and how it helped the project. |

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

|  |
| --- |
| <https://github.com/LBruni98/Jet-Set-Willy-3-A-New-Beginning/blob/master/README.md#3111software-development-process> |
| The link takes the user to a part of the capstone project README document. The management process is described here and goes in depth with how they work and evaluates why the process was effective, as well as other factors such as how the process would lack and other such problems. |

**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.**

|  |
| --- |
| <https://github.com/LBruni98/ZSL-The-Climate-Menace#role-and-contribution>  <https://github.com/LBruni98/ZSL-The-Climate-Menace#project-evaluation> |
| Again, the link above leads to the ZSL README document. The evaluation is listed in “Project Evaluation”, alongside “Role and Contribution” and “Team Dynamics”, though the criteria was also covered here. These sections provide details on the overall project, the changes to the project, and the development of the project. There also is a section that evaluates and reflects on my contribution and role in the overall project, what I was responsible for, how it helped and what improvements could’ve been made to support the team better. |