**Project Progress Log**

*These reports should be submitted to Turnitin under the submission areas for your project logs. You will need to provide a project log submission every 1 - 2 weeks. Your project logs combined will amass to 10% of your overall grade. Please include any screenshots, commit links etc.*

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| **Student Name** | Kieran Pile |
| **Student ID** | PIL17003689 |

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| **Supervisor Name** | Andrew Maries |
| **Project Title** | Developing an Artificial Intelligence to accurately assess, analyse and predict weather forecasts. |
| **Date Submitted** | 20th February 2024 |

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| **What has been done and achieved in the last 1 - 2 weeks?** *(be specific in the areas of your project you have worked on)* |
| Investigation and development of artificial intelligence and machine learning models and how they are deployed onto web-based solutions. |
| **What have you learnt in the last 1 - 2 weeks** *(This may be new programming techniques, design principles, information you have received from peers or tutors.)* |
| Discovering that Python is used as a back-end language to deploy an ML model onto a HTML/PHP webpage. |
| **What problems have arisen during the last 1 - 2 weeks work?** *(Highlight and issues you have come across in your studies or areas of your project you have found challenging.)* |
| The original proposal of only using a HTML webpage was flawed as the programming language did not have the suitable tools to deploy the AI model by itself. |
| **What to Do Next (particularly to solve problems) in the next 1 - 2 weeks** |
| After successfully modelling the AI model, it must be deployed onto the web based solution and different areas of testing must take place to ensure the solution is suitable to all users. |