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| **Learner name:** | Andy Brown |
| **Learner ID:** | 1910332 |
| **Programme start date:** | September 2019 |
| **Project title** | End Point Assessment Quality |
| **Academic Supervisor (if known):** |  |
| **Work-place Supervisor:** | John Pritchard |
| **Work-place Supervisor’s email:** |  |

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| **Project Aims & objective (max 200 words): Provide the overall aim of the project and list specific objectives.**  To create tools to measure and predict quality   * Design, document and implement a system to measure multiple-choice question quality used for end point assessment. * Design, document and implement an early warning dashboard identifying training providers with results fall outside norms. * Sentiment analysis of comments in response to End Point Assessment Survey * An automated analysis of the employer’s reference to assist assessment |
| **Project scope (max 200 words): Provide details of what is within scope and what is not within scope of the project.**   * Multiple choice questions statistics will be assessed using a Moodle test system which is in scope. Implementing this onto the planned production system is outside the scope of this project. * Dashboards will be designed following research into the best business tools selected and evaluated by employee fit, architectural fit for Accelerate People, cost and ease of use, actionable output. |
| **Resources required (hardware, software, data): Provide details of any specialist resources required for the project and indicate if they are available via the employer or a third party**.   1. Access to assessment data and apprentice portfolio's 2. Relevant software to generate Dashboards PowerBI/Tableau 3. Analysis System including Python/Spyder/Anaconda 4. NLP Tools NLTK |
| **Project constraints: Indicate if there are any constraints on the project. For example, any constraints on accessing or sharing data, or requirements for Non-Disclosure Agreement (NDA).**   1. The data includes statistical results for Training Providers and Apprentice Personal Identifiable information therefore this data will not be able to be shared without an NDA |

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| **Signature (Learner\*)** |  |
| **Signature (Academic Supervisor\*)** |  |
| **Signature (Work-place Supervisor\*)** |  |
| \*e-signatures or email confirmations are sufficient | |