IN6 Studio 4 Performance and Development Review Assessment

Level 6, 15 Credits, Version 1

Outcomes:

1. Select and apply industry-standard tools and processes to solve non-trivial problems in a team environment.
2. Analyse and manage development challenges to create production-quality outputs.

Requirements	Evidence	Judgement
1.1 Meaningfully contribute to the project (two or more of the following):		
Contribute to development of new product features	Git commits, feature/bug "tickets" finished	Features are of sufficient complexity and in sufficient quantity and acceptable quality for the context. Contributions are finished (merged to master branch) and deployed.
Contribute to project deployment/infrastructure	Git commits, deployment scripts or other deployment setup, backup scripts	Learner is maintaining multiple environments for the project. All environments are working and it is possible to easily deploy new versions by following the written documentation. Database is backed up on separate infrastructure.
Contribute to CI/CD solution	Existence of CI/CD server, CI/CD-related scripts and setup	CI/CD server is functional, runs the test suite automatically and is used for deployments. Code quality and test coverage is visible.
Demonstrate improvements in applying Agile project management	Agile KPI's, meeting minutes, executive summary reports	The learner correctly identified areas for improvement (in terms of team/project management or performance). Solutions were suggested and implemented and positive results are demonstrably achieved.

1.2 Use industry-standard communication and project management tools in a professional manner	Meeting minutes Tickets, boards and comments on GitHub Code review (comments on Pull Requests)	The learner can show how they contributed to the transparency and decision-making processes in their team
2.1 Improve the quality of the project (two or more of the following):		
Contribute to automated test suite	Git commits, scripts to run the test suite	The learner created automated test scripts in sufficient quantity and quality standards, or created scripts to help with execution of the test suite.
Contribute to project security	Security audit document, GitHub issues (for security issues), commits (security fixes)	Security audit was completed with issues identified and patches suggested. Ideally some (or all) vulnerabilities have been patched. Infrastructure security has been improved (server hardening) and documented.
Contribute to project automation (CI/CD)	Scripts, setup documentation	Infrastructure tasks are automated and documented. Tasks are in working order and tests are passing.
Participate in code/solution review to ensure high-quality outputs	Pull Requests, comments	Learner made correct use of Pull Requests and/or contributed to other members' Pull Requests in a constructive way.
2.2 Respond to feedback to produce high quality outputs	Positive changes are made or constructive dialog started in response to team/lecturer feedback.	