The Agile Dev Studio

Programming & Software Development – Project Rubric

Grades 9–12 | CTE

Functional Web Application

The project results in a working Minimum Viable Product (MVP).

4 – Exemplar (4 pts)	3 – Acceptable (3 pts)	2 – Developing (2 pts)	1 – Unacceptable (1 pt)	Score
Application fully meets all defined MVP requirements. Core features function consistently, data flows correctly, and the product is usable without instructor intervention.	Application meets most MVP requirements. Core features function, with minor bugs that do not prevent intended use.	Application partially functions. Missing or unstable features impact usability.	Application does not function or core features are missing.	/4

Development Process & Workflow

Evidence of planning, iteration, and version control is demonstrated.

4 – Exemplar (4 pts)	3 – Acceptable (3 pts)	2 – Developing (2 pts)	1 – Unacceptable (1 pt)	Score
Kanban board is consistently updated and reflects task ownership and progress. Git history shows frequent, meaningful commits aligned with development stages.	Kanban board and Git are used regularly with minor gaps or inconsistencies.	Kanban or Git usage is inconsistent or limited. Evidence of planning is incomplete.	Little or no evidence of structured workflow or version control usage.	/4

Technical Documentation (README)

Project setup, functionality, and technical decisions are clearly documented.

4 – Exemplar (4 pts)	3 – Acceptable (3 pts)	2 – Developing (2 pts)	1 – Unacceptable (1 pt)	Score
README is complete, clearly organized, and explains setup, features, and technical decisions accurately.	README explains setup and core functionality with adequate clarity.	README is incomplete or unclear; setup or explanations are missing.	README is missing or does not explain the project.	/4

Collaboration & Professional Practice

Student participates responsibly in a team-based development environment.

4 – Exemplar (4 pts)	3 – Acceptable (3 pts)	2 – Developing (2 pts)	1 – Unacceptable (1 pt)	Score
Student consistently fulfills assigned role, contributes to team goals, and supports peers through communication and feedback.	Student completes assigned responsibilities and participates appropriately.	Participation is inconsistent or uneven.	Minimal participation or failure to meet team responsibilities.	/4

Reflection & Post-Mortem Analysis

Student analyzes challenges, decisions, and learning.

4 – Exemplar (4 pts)	3 – Acceptable (3 pts)	2 – Developing (2 pts)	1 – Unacceptable (1 pt)	Score
Reflection clearly explains challenges, solutions, and learning with specific examples from the project.	Reflection addresses challenges and learning outcomes.	Reflection is superficial or lacks specific examples.	Reflection is missing or incomplete.	/4

Total Score: ___ / 20

Performance Levels

- **Level 4:** 16–20 points
- **Level 3:** 12–15 points
- **Level 2:** 8–11 points
- **Level 1:** 0–7 points