# Updated Marking Rubric

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| Criteria | Good (10–8) | Average (7–4) | Poor (3–0) | IET Mapping |
| Problem Analysis (Choosing an application with sufficient scope and complexity) | Application is complex and realistic, allowing in-depth security problem analysis; clear understanding of problem domain demonstrated. | Application scope allows partial problem analysis but lacks complexity or depth. | Application too simple or problem analysis missing/inadequate. | C2 |
| Technical Literature and Vulnerability Identification | Extensive use of relevant technical literature, standards, and research to identify multiple relevant vulnerabilities; well-referenced. | Some use of literature but limited or lacking depth; vulnerabilities identified partially or without strong justification. | Minimal or no use of literature; vulnerabilities identified are irrelevant or poorly justified. | C4 |
| Risk Analysis and Fixing Vulnerabilities | Comprehensive risk analysis conducted; appropriate fixes implemented, tested, and their effectiveness discussed. | Risk analysis or fixes partially complete or insufficiently justified; some vulnerabilities left unresolved. | Risk analysis missing; fixes incorrect, ineffective, or absent. | C9 |
| Implementation of OAuth/OpenID Connect-based Function | Full and secure implementation meeting project requirements; security tested successfully. | Implementation partially functional or with minor security issues. | Poor or missing implementation; security principles not followed. | C2, C9 |
| Discussion and Teamwork | Clear, in-depth discussion of approach, results, and implications; teamwork well-demonstrated, with balanced contributions and clear communication of roles. | Basic discussion; teamwork uneven or unclear, with some collaboration issues. | Weak discussion; teamwork lacking, with poor collaboration or unclear individual contributions. | C16 |
| Viva | Confident, thorough understanding of project demonstrated, with individual contributions clearly explained. | Partial understanding demonstrated, with some uncertainties. | Poor understanding or inability to explain work. | C2, C16 |