# Evaluation Criteria

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| S. No. | Module | Assessment Outcome | Assessment Criteria for outcomes | Total Marks | Theory Marks | Practical Marks |  |
| 1 | Problem Assessment | Problem analysis | PC1: Select a problem statement and identify its key parameters (issue to be solved, target community, user needs and preferences, etc.) | 10 | 3 | 7 |  |
| PC2: Evaluate the requirements (functional, non-functional, etc.) and map them to the problem statement | 10 | 3 | 7 |  |
| 2 | Solution Design | Solution design | PC3: Design a solution blueprint for the problem statement and assess its feasibility | 10 | 3 | 7 |  |
| PC4: Develop a project implementation plan encompassing project milestones, deadlines and resource allocation | 5 | 2 | 3 |  |
| 3 | Solution Development and Testing | Solution development | PC5: Determine the tech stack that would be suitable to build the proposed solution | 10 | 3 | 7 |  |
| PC6: Build the solution/product as per technical specifications | 20 | 6 | 14 |  |
| Solution testing | PC7: Test the solution/product to ensure and fix the bugs (if any) | 10 | 3 | 7 |  |
| PC8: Evaluate the performance of the solution/product to ensure it meets the desired criteria | 10 | 3 | 7 |  |
| 4 | Project Presentation | Learning evaluation | PC9: Participate in assessments to check technical skill-gain and project progress | 5 | 2 | 3 |  |
| Grand Total | | | | 100 | 31 | 69 |  |