**Assessment Brief**

|  |  |
| --- | --- |
| 1. Module Number | ENI08107 |
| 1. Module title | OBJECT ORIENTED SOFTWARE DEVELOPMENT |
| 1. Module Leader | Midhun |
| 1. Tutor with responsibility for this Assessment | Rakesh Kumar |
| 1. Assessment | Practical Skills Assessment |
| 1. Weighting | 70% |
| 1. Size and/or time limits for assessment | 40 hours |
| 1. Deadline of submission | Date: 12/06/2025 |
| 1. Arrangements for submission | Files and documentation must be submitted as a zip file via **Moodle.** Name the zip file NNNN.zip, where NNNN is your Student Number .Please do not submit other types of archives(.tar.gz, .tar.xz, .rar)or other types of documents(.doc,.docx, .odt). |
| 1. AI Use | The use of AI in this context is strictly prohibited .Any violation of this rule will result in disciplinary action. |
| 1. Assessment Regulations | All assessments are subject to the University Regulations.  <https://my.napier.ac.uk/your-studies/improve-your-academic-and-study-skills/referencing-and-academic-integrity> |
| 1. The requirements for this assessment | The objective of the practical assessment is to allow you to show your skills in, design, develop and test Object Oriented C# applications with the help of the IDE -Visual Studio.  This practical assessment is worth 70 % of the overall module mark and includes the task to design “Library Management System”.  More detail of the assessment requirements can be found in the associated Practical Skills Assessment brief. |
| 1. Special Instructions | 1.Assignment must be implemented in C#  2.Develop a GUI based application using Windows Forms  3.Organize your codes into separate classes and Files to maintain readability and maintainability. Marks are awarded based on the correct implementation of C# features.  4.Include comments in your code to explain key sections and logic.  5.Implement proper error handling techniques( e.g. try catch exception,FormatException) to manage invalid inputs and exceptions |
| 1. Return of Work and Feedback | Feedback and a provisional grade will be available within three weeks through ***Moodle*** in the “Assessment” section. Each student will receive their individual feedback. |
| 1. Assessment Criteria | Your coursework will be graded based on the following criteria:  1.Code Functionality: 30 Marks  2.Code Quality: 30 Marks  3.Testing and Error Handling:20 Marks  4.Advanced Features: 10 Marks  5.Report:10 Marks  More detail on the breakdown of mark allocation for each task can be found in the associated Practical Skills Assessment brief. |