ASSIGNMENT 2 BRIEF

Qualification	**BTEC Level 5 HND Diploma in Computing**
Unit number and title	Unit 30: Application Development
Assignment title	Application development with design diagrams and code
Academic Year	2018-2019
Unit Tutor	
Issue date		**Submission date**	

Submission Format:
A report document in PDF. A project folder zipped. A presentation in Power Point.
Assignment Brief and Guidance:

Scenario: (continued from Assignment 1) Your team has finished the analysis and design for the system. Next task is development of the system.

Tasks:
After the presentation about your design (from Assignment 1), you need to create a formal questionnaire that effectively reviews your business application, problem definition statement, proposed solution and development strategy. This formal questionnaire should be answered by your colleagues. For any new insights, ideas or potential improvements to your system you need to evaluate and justify the reasons why you have chosen to include (or not to include) them as part of this business application. Based on the feedback of your colleagues, amend the design if needed.

Next task is to develop the business application based on the design, chosen technologies and methodology. When the application is fully built and tested, you need to review its performance against the Software Requirement Specificationn, analyze the factors that influence its performance and use them to undertake a critical review of the design, development and testing stages of your application. Conclude your review by reflectively discussing your previously identified risks. You should evaluate the strengths and weaknesses of your business application and fully justify opportunities for improvement and further development.

To conclude, your report document should include:
- Peer review section (questionnaire and answers, your reflection on the feedback)
- Development section (how you develop and test the application, what is the result)
- Review section (review, analyse and critical evaluate your application)

Your team needs to prepare a presentation based on this report for the final demonstration.
The working application must also be demonstrated and codes need to submit as zip file to CMS.

Learning Outcomes and Assessment Criteria

Pass	Merit	Distinction
LO3 Work individually and as part of a team to plan and produce a functional business application with support documentation		
P4 Create a formal questionnaire that effectively reviews your business application, problem definition statement, proposed solution and development strategy. Use this questionnaire as part of a peer-review and document any feedback given. **P5** Develop a functional business application based on a specified business problem.	**M3** Interpret your peer-review feedback and identify opportunities not previously considered. **M4** Develop a functional business application based on a specific Software Design Document with supportive evidence of using the preferred tools, techniques and methodologies.	**D2** Evaluate any new insights, ideas or potential improvements to your system and justify the reasons why you have chosen to include (or not to include) them as part of this business application.
LO4 Evaluate the performance of a business application against its Software Design Document and initial requirements		
P6 Review the performance of your business application against the Problem Definition Statement and initial requirements.	**M5** Analyse the factors that influence the performance of a business application and use them to undertake a critical review of the design, development and testing stages of your application. Conclude your review by reflectively discussing your previously identified risks.	**D3** Critically evaluate the strengths and weaknesses of your business application and fully justify opportunities for improvement and further development.