

BTEC First Diploma Software Development



Assignment 3

Deadline: Week of 17:01:07 (5 weeks)

Student Name _____

Date handed in: _____

Grading Evidence

It is possible to achieve grading criteria for the following from this assignment.

Grading Criteria	Tick	Date	Key Skills
P4. produce a software component for a defined user need			IT2,PS2
P5. demonstrate appropriate debugging and testing has taken place during the development period			IT2,PS2
M2. demonstrate compliance with organisational standards during development of a software component			IT2,PS2
M3. demonstrate an understanding of debugging facilities in the chosen development environment			IT2,PS2

Assignment Feedback (*with smart targets*)

Student Feedback

<p>Internal Verifier Comments:</p> <p>Signed: _____ Date: _____</p>

Assignment 3: Implementing the program

In this assignment you will use your program design from assignment 2 to create and test the program.

For P4

- a. Provide a printout of your code
- b. Provide screenshots showing that the forms you have created are easy to use and meet the user's needs.

For M2

Your program code should show the following...

- c. names of controls and variables are meaningful and appropriate data types are used
- d. code is fully commented and consistent indentation is used

For P5

- e. Show you have tested the program with the data provided and also with test data that you have created. Using screenshots explain how you debugged your program code.

For M3

- f. Explain the different types of errors a program can have and show how you used different debugging techniques to check your program code for these different error types.