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| **COURSE NAME / CODE** | | | BTEC National Subsidiary / Diploma / Extended Diploma in IT | | | | | |
| **UNIT(s) No / Name** | | | Unit 14 – Event driven programming | | | | | |
| **LEVEL** | 3 | Assignment No & Title | Assignment 4/Finishing off | | | | | |
| **LECTURER/ASSESSOR** | | | | Emmanuel Oladipo/ | | | | |
| **ISSUE DATE** | | | | 05/06/2017 | **DEADLINE DATE** | | 19/06/2017 | |
| **SUBMISSION DATE** | | | |  | |  | | |
| **RESUBMISSION AUTHORISATION**  BY LEAD INTERNAL VERIFIER\* | | | |  | | **Authorisation Date (By iv)** | |  |
| **RESUBMISSION DATE\*\*** | | | |  | |  | | |

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| * all resubmissions must be authorised by the **Lead Internal Verifier**. Only **one** resubmission is possible per assignment, providing: * The learner has met the initial deadlines set in the assignment, or has met an agreed deadline extension * The tutor considers that the learner will be able to provide improved evidence without further guidance * Evidence submitted for assessment has been authenticated and accompanied by a signed and dated declaration of authenticity by the learner   \*\*Any resubmission evidence **must** be submitted within 10 working days of receipt of assessment |

**Student declaration**

*I declare that this assignment is all my own work and the sources of information and material I have used (including the internet) have been fully identified and properly acknowledged as required.*

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| **STUDENT NAME** | **SIGNATURE** |
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**ASSESSMENT DETAILS & GRADING CRITERIA**

(NB: Columns 1 &2 of the table below will be completed once the assignment has been submitted) Please note that criteria & evidence should be aimed to give the learner the maximum grade available within their qualification (i.e. A, Pass, Distinction)

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| **Learning Aims Covered** | |  | | |  |  | | |  |
| LO 4 | | Be able to document event driven applications. | | |  |  | | |  |
| **GRADING CRITERIA FOR TASK** | | **EVIDENCE** | **1) EVIDENCE SEEN** | | **Page No#** | **2) CRITERIA MET** | | |  |
| **Y** | **N** | **Y** | **I** | **N** | **IV** |
| P6 | Create onscreen help to assist the users of a computer program. | A short word documentation to include common errors and **onscreen help** to deal with errors, a summary table |  |  |  |  |  |  |  |
| M4 | Create technical documentation for the support and maintenance of a computer program. | A **short technical documentation** on the event driven application created. |  |  |  |  |  |  |  |

**KEY: Y = Yes, I = Incomplete, N = No**

**BREAKDOWN OF HOW GRADES WILL BE AWARDED:** (NB: Please tick as appropriate)

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| --- | --- | --- |
| **TYPE OF QUALIFICATION** | **TICK** | **DESCRIPTION** |
| **BTECS / WORKSKILLS** | **√** | Pass / Merit / Distinction / Fail |
| **A LEVELS / A2** |  | A-U |

**Internal Verification of Assignment Brief**

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| **IV Full Name** |  | **Sign** |  | **Date:** |  |
| **LIV Full Name** |  | **Sign** |  | **Date:** |  |



**BTEC Sample Material**

**Learner Consent Declaration**

|  |  |  |
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| **Centre No & Name** | **51330 – UTC Reading** | |
| **Subject & Level** | **BTEC National Subsidiary / Diploma / Extended Diploma in IT** | **3** |
| **Unit No & Title** | **Unit 14 – Event driven Programming** | |
| **Learner No & Name** |  | |

I agree to the learner work identified above, after having been made anonymous, being used to support any of the following activities, which may involve the display of work online through the BTEC website or through publications:

* Professional Development and Training
* Centre Assessment Example Material
* Standardisation Support
* Publication Materials

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| **Assessor Signature** |  |
| **Name** (block capitals please) |  |
| **Job Title** |  |
| **Date**: |  |

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| **Learner Signature** |  |
| **Name** (block capitals please) |  |
| **Parent/Guardian consent if under 16 years of age** |  |
| **Date**: |  |

Please ensure that this sheet is completed on submission of your assignment.



Unit: 14

Assignment: 4

*Documentation of event driven application*

Please note that your assignment **MUST** have the following:

1. Cover page
2. Contents page
3. Introduction
4. Conclusion
5. Bibliography

**SCENARIO** Your role as a junior programmer for the electronic games maker company demands a support documentation on the application that you have created to help new programmers. Your managers would now like you to show how to write a set of support documentation for the application you have created. You are therefore required to do the following:

**TASK 1: Evidence you must produce for this task. (Short Report)**

Onscreen help on common errors or exceptions which may occur and how to deal with them.

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| **To achieve the criteria you must show that you are able to:** | **Unit** | **Criterion Reference** |
| Onscreen help on common errors or exceptions which may occur and how to deal with them. | 14 | P6 |

**TASK 2 Evidence you must produce for this task. (Short Report)**

Create two documentation:

1. Technical: For the support and maintenance of the event driven computer program
2. User : A user guide on how to use the event driven application

Specifications requirements; the requirements for the installation of the event driven application

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| **To achieve the criteria you must show that you are able to:** | **Unit** | **Criterion Reference** |
| Technical documentation: For the support and maintenance of the event driven computer program. | 14 | M4 |
| User documentation: A user guide on how to use the event driven application. | 14 | M4 |

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| P6  Ms Word Report | M4  Ms Word Report |
| Event driven application errors.    Onscreen help to deal with errors  Onscreen help summary table | User documentation  Technical documentation  Requirement specification |

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| --- | --- |
| **Sources of information** | **Textbooks**   * Balena F – Programming Microsoft Visual Basic 6 (Microsoft Press US, 1999) ISBN-10: 0735605580, ISBN-13: 978-0735605589 * Bond M, Law D, Longshaw A, Haywood D and Roxburgh P – Sams Teach Yourself J2EE in 21 Days, 2nd Edition (Sams, 2004) ISBN-10: 0672325586, ISBN-13: 978-0672325588 * Palmer G – Java Event Handling (Prentice Hall, 2001) ISBN-10: 0130418021, ISBN-13: 978-0130418029 * Longshaw J and Sharp J – Visual J#.NET Core Reference (Microsoft Press US, 2002) ISBN-10: 0735615500, ISBN-13: 978-0735615502 * Suddeth J – Programming with Visual Studio.NET 2005 (Lulu.com, 2006) ISBN-10: 1411664477, ISBN-13: 978-1411664470 * Troelsen A – Pro C# 2005 and the.NET 2.0 Platform, 3rd Edition (Apress US, 2004) ISBN-10: 1590594193, ISBN-13: 978-1590594193   **Websites**   * eventdrivenpgm.sourceforge.net * [www.vbexplorer.com/VBExplorer/VBExplorer.asp](http://www.vbexplorer.com/VBExplorer/VBExplorer.asp) * www.vbwm.com |

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| **SUMMATIVE ASSESSMENT RECORD SHEET** | | | | | | |
| **Programme** | BTEC National Subsidiary / Diploma / Extended Diploma in IT | | **Learner Name** |  | **Assessor Name** | Emmanuel Oladipo |
| **Unit No. & Title** | **14/Event driven programming** | | **Target Learning Aims** | Be able to document applications. | **Issue Date** | Click here to enter a date. |
| **Assignment No & Title** | **4/** Finishing off | | | | **Final Submission Date** | Click here to enter a date. |
| **Target criteria** | **Criteria Achieved** | **Final Assessment Comments** | | | | |
| P6 |  |  | | | | |
| M4 |  |  | | | | |

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| **Summative comments** | | | |
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| **Assessors declaration** | | | |
| I certify that the evidence submitted for this assignment is the student's own and the learner will be able to provide improved evidence without guidance. I understand that any false declaration is a form of malpractice. | | | |
| **Resubmission authorisation\*** |  | **Resubmission Date:** | Click here to enter a date. |
| \* All resubmissions must be authorised. Only 1 resubmission is possible per assignment. | | | |
| **Assessor Signature** |  | **Date:** |  |
| **Learner comments** |  | | |
| **Learner Signature** |  | **Date:** |  |