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| http://www.cooperstc.com/index_htm_files/25897.png | **Coopers**  Cambridge TEC (Certificate/Diploma) in IT  **Unit 42 - Developing A Smarter Planet** | Student Name:­­­­ **Grade Awarded by:**  **Date Awarded: \_\_\_\_\_\_\_\_\_\_** Grade: PASS/MERIT/DISTINCTION |

##### Unit 42 - Assignment Checklist - DD-MM-2014

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| **TASKS & LEVEL** | **ACTIVITIES** | **STUDENT** | | **STAFF** |
| **LO1 - Understand what is meant by a smarter planet** | | | | |
| **Task 1 – P1.1** | Using research and one example each, define the current problem with population expansion and urbanisation of society. |  |  | |
| **Task 2 – P1.2** | Discuss the scope of change within **three** latent technologies and the social impact these changes have made on society. |  |  | |
| **Task 3 – P1.3** | Discuss the scope of automation within **three** automated technologies and the social impact these changes have made on society. |  |  | |
| **Task 4 – P1.4** | Discuss the scope of automation within **three** automated technologies and the social impact these changes have made on society. |  |  | |
| **Task 5 – P1.5** | Discuss the scope of Embedded technology within **three** accepted technologies and the social and business impact these changes have made on society. |  |  | |
| **Task 6 – P1.6** | Discuss the scope of Evolved technology within **three** different spheres and the social and business impact these changes have made on the individual. |  |  | |
| **Task 7 – P1.7** | Discuss the different purposes driving technology change and the influences of society on these changes. |  |  | |
| **Task 8 – P1.8** | Discuss the ethical, business and justification purposes driving technology change and the influences of society on these changes. |  |  | |
| **Task 9 – P1.9** | Using the three documents, [PPT1](file:///C:\Users\raffest\Cambridge%20Tech%20-%20Level%2003\Unit%2042%20-%20Developing%20a%20Smarter%20Planet\IBM%20-%20Smarter%20Planet%2001.pdf), [PPT2](file:///C:\Users\raffest\Cambridge%20Tech%20-%20Level%2003\Unit%2042%20-%20Developing%20a%20Smarter%20Planet\IBM%20-%20Smarter%20Planet%2002.pdf) and [PPT3](file:///C:\Users\raffest\Cambridge%20Tech%20-%20Level%2003\Unit%2042%20-%20Developing%20a%20Smarter%20Planet\IBM%20-%20Smarter%20Planet%2003.pdf), review and evidence the documentation based on the Focus, Objectives and Principles. |  |  | |
| **LO2 - Understand what is meant by a smarter planet** | | | | |
| **Task 1 – P2.1** | From 3 of the named categories, produce a timeline of technological change and explain the impact on **social activity** and **business activity** these technologies have made. |  | |  |
| **Task 2 – M1.1** | Evaluate with evidence the wider uses of these technological developments within an identified sector |  | |  |
| **Task 3 – P3.1** | Using one of the selected businesses environment, discuss the impact this sector’s technological revolution has made on **Individuals.** |  | |  |
| **Task 4 – P3.2** | Using one of the selected businesses environment, discuss the impact this sector’s technological revolution has made on Individual **lifestyles.** |  | |  |
| **Task 5 – P4.1** | Using one of the selected businesses environment, discuss the impact this sector’s technological revolution has made on **Environmental Issues.** |  | |  |
| **Task 6 – P3.3** | Using one of the selected businesses environment, discuss the impact this sector’s technological revolution has made on **Ethical Issues.** |  | |  |
| **Task 7 – P4.2** | Using one of the selected businesses environment, discuss the impact this sector’s technological revolution has made on **Social Issues.** |  | |  |
| **Task 8 – D1.1** | Discuss how the Smarter Planet concept is important to **society** with annotated evidence. |  | |  |
| **Task 9 – D1.2** | Produce a report Discussing how the Smarter Planet concept is important to each **business practice** with annotated evidence. |  | |  |
| **LO3 - Understand how smarter planet technologies could be further developed** | | | | |
| **Task 1 – D1.3** | Using the terms **Instrumented**, **Interconnected** and **Intelligent**, discuss how analysis tools as part of the Smarter Planet programme can benefit your chosen business sector. |  | |  |
| **Task 2 – P5.1** | From your own industry create a report on how technologies developed in the past have been used for additional purposes, include a range of examples. |  | |  |
| **Task 3 – P5.2** | Using the terms **Instrumented**, **Interconnected** and **Intelligent**, discuss how analysis tools as part of the Smarter Planet programme can benefit your chosen business sector. |  | |  |
| **Task 4 - M2.1** | Discuss how 3 new technologies could be adapted to different business purposes. |  | |  |
| **Task 5 – M2.2** | Using the three technologies selected from M2.1 produce a visualisation diagram supported by explanatory notes of how other businesses sectors could use these technologies. |  | |  |