**Department of Computing**

Module Name: **2020/2021 Digital Technologies Element 2 30%**

Contact: James Mc Carren

Assessment: **Presentation**

Module Code: **COMP40001**

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| Module Learning Outcome | University Learning Outcome |
| 1. To develop a clear and detailed knowledge related to core digital hardware skills. | Knowledge and Understanding |
| 2. To develop and apply problem solving and presentation skills for both computing and the wider business environment. | Problem Solving and  Communication |
| 3. To develop and apply practical mathematical skills to several computing applications scenarios. | Problem Solving and  Application |

**Title of Assignment:** Presentation to a council on the benefits, problems with implementing a cloud solution for their library provision and your solution.

### Module Learning Outcomes for This Assignment

* EXPLAIN THE PRINICIPLES OF VIRTUALIZATION AND ITS APPLICATION SUPPORTING CLOUD COMPUTING.

Deadline notified on Blackboard for Electronic submission of all documents:

# Introduction

The aim of this task is to develop your presentation skills within a pre-selected group of employees. Within Industry most of your working day will involve working within a group of people you have not chosen, but been allocated to. Often tasks involve the group working towards a ‘sales pitch’ to a new client and if the contract is won, implementing it. Within team work, there is no ‘I’ but ‘we’. Unfortunately in industry people come in different sizes, some hard working, some dominant, some lazy, some submissive, some organised and some last minute. Often you may have to ‘take one for the team’ meaning the work needs to be done no matter what, this may seem unfair, but you do have one comeback, you can ‘drop them in it’ with your line manager; this may get them sacked, passed over for a pay rise or in your case marks reduced.

**In order to be free from accusations, you need to keep detailed copies of minutes/action points/emails of meeting as evidence of ‘fair play’ and present a case to your tutorial tutor if a problem.**

Your assessment is weighted at 30% and consists of a Group based presentation with a copy of your weekly minutes. Your **presentation groups will be arranged by me** and you will be asked to **record and upload a 30 minute group presentation using Microsoft PowerPoint** on the topic of “Presentation to a council on the benefits, problems with implementing a cloud solution for their library provision and your solution.”**,** so working in a team, punctuality and time management is very important. When reading this assignment please read all elements fully and understand what is being asked of you and if you have any issues, please ask the lecturer or tutorial team.

# Submission Guidelines

**Each group** should submit the following

**a)** Electronic upload of your group presentation using Microsoft Teams using your created group presentation. **NB:** All members must present in the recorded session else they will score 0% for this element unless approved by the Module leader.

**b)** Full copy of the weekly minutes using the template provided (Microsoft Office word)

**c)** In the case of conflict with other members of the group you are required to present your case to the Tutorial tutor for consideration. **Note**: **In order to be free from accusations, you need to keep detailed copies of minutes/action points/emails of meeting as evidence of ‘fair play’.**

All submissions are only electronic should be submitted via Blackboard. If you have any questions/queries, please contact your tutor.

Deadline for Electronic submission of all documents:

**Friday Week 13 (8th Jan 2021)**

**Task**

Stoke on Trent county council wishes up to update its library provision to use a cloud solution. The councillors are unsure exactly what ‘The cloud’ means, the possible benefits and cost savings that it might yield. You should deliver a presentation outlining:

a) Introduction: Who you are, your experience and what you offer

b) What you plan to present to the council in brief

c) What ‘The Cloud’ means defining terms such as Services, Topologies, hypervisors and virtual machines etc.

d) A system overview of your recommended solution - ideally pictorial

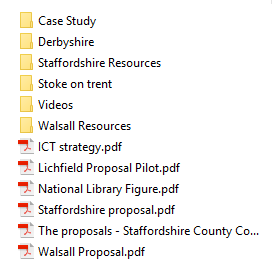
e) How it could benefit the council in delivering a modern library provision and possible issues with solutions.

f) The financial implication and full costing of your proposal

g) Outline your next stages if you win the contract with timescales

Documents on Blackboard

Collection of resources on Blackboard- Staffordshire, Stoke on Trent, Derbyshire, Walsall Libraries – Fact sheets, budgets, videos, case studies and much more



Often in Industry we are asked to present a sales pitch with very little information, this is called ‘taking a flyer’. Sometimes you guess right and sometimes wrong – get it wrong and it comes out of your profit

# Meetings template

|  |  |  |
| --- | --- | --- |
| Progress Report - Digital technologies | | |
|  | | |
| **Group ID:** | A | |
|  | | |
| **Progress Report:** | Week 4 |  |
|  | | |
| **People attended:** | James Mc Carren, Robin Oldham | |
| **People absent:** | Vice Chancellor Ms Liz Barnes | |
|  |  |  |
| **Action from Previous Minutes/whom:** | Investigate into Iris sensors ( James Mc Carren / Next meeting) | Completed |
|  | Research into current entry/exit systems (Robin Oldham + 2 weeks) | Ongoing on track |
| **Minutes of current meeting** | | |
| 1) Listened to presentation by James Mc Carren on Iris sensors  2) Discussed areas for additional work  Costings  Implementation  Timescales | | |
| **Action points** | | |
| 1) Research into current entry/exit systems | | Robin Oldham  Next meeting |
| 2) Present breakdown of work required for implementation phase | | James Mc Carren  + 2 weeks time |

Marking Scheme

|  |  |  |
| --- | --- | --- |
| **Criteria** | **Comment** | **Mark** |
| ***Introduction:***  Who you are, your experience and what you offer?  What you plan to present to the council in brief |  | **/ 10** |
| ***Technical understanding:***  What ‘The Cloud’ means defining terms such as Services, Topologies, hypervisors and virtual machines etc. |  | **/30** |
| ***Your Solution:***  A system overview of your recommended solution - ideally pictorial.  How it could benefit the council in delivering a modern library provision and possible issues with solutions. |  | **/30** |
| **Financial costings:**  The financial implication and full costing of your proposal |  | **/20** |
| ***Conclusion:***  Outline your next stages if you win the contract with timescales |  | **/10** |
| ***Tutor Assigned Reduction in Marks***  ***Insert Students name and reason*** | 75% 50% 25% 0% awarded |  |
| ***Final Mark***  ***Tutor Name:*** | Students name | **/100** |