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| Unitec_Land_B_200  Computer Science Pathway | HTCS4603 Web Application Project  Semester 2, 2020 |  |
| Due Date: End of week 3 (Friday at 8: pm) | |
| Assessment - Project  Part 1 Team Proposal | Total Marks: 100  Weighting of this assignment: 20% | |

**Learning Outcomes**

1. Apply essential knowledge and concepts of business analysis, database, and user experience to support the requirements of organisational information systems in an unfamiliar context.
2. Use project management and planning tools to meet the requirements of specified briefs.
3. Apply appropriate professional, ethical, and legal principles and practices to comply with organisational requirements.
4. Communicate professionally to maintain relationships and achieve objectives.
5. Apply essential knowledge and concepts of software development to develop simple applications in an unfamiliar context

**Topics**

* Awareness of project management methodologies and use of planning tools;
* Developing a project plan based on a brief, which includes end user requirements, training and documentation; resource management; key milestones, timelines, deliverables, work schedule, testing.

**Instructions**

Working in your team, write a project proposal.

The proposal needs to include the following:

A. Introduction: A short description of the business. [8 marks]

(about 300 words)

B. Discussion

Question 1 [10 marks]

Discuss at least two project methodologies. Based on your discussion, select the one appropriate methodology for your project providing at least three reasons why the team selected it.

(about 400 words)

Question 2 [10 marks]

Discuss how the project will assist the business achieve their goal, what problem or opportunity is it addressing, and how it will give potential competitive advantage in the existing market space.

(about 400 words)

Question 3 [60 marks]

1. Develop a detailed project plan using the headings below. You may be a software tool to assist you.
   1. at least three key milestones
   2. deliverables
   3. time lines
   4. tasks (deliverables broken down by milestone)
   5. work schedule identifying who is doing what
   6. relationships between tasks (dependencies)

(Gantt chart)

C. Conclusion: Should include deliverables in general, training plans for customer (if any) and resources required (hardware, software and others) [8 marks]

(about 200 words)

D. References [4 marks]

Submission

Submit your answers as a Microsoft Word document to the link “Upload your proposal here”.

Your document should include a Gantt chart diagram developed using a software tool.

Questions to Learning Outcome Mapping Matrix

|  |  |  |  |
| --- | --- | --- | --- |
|  | Question 1 | Question 2 | Question 3 |
| LO1 |  | \* |  |
| LO3 | \* |  | \* |
| LO4 | \* | \* | \* |
| LO5 | \* | \* | \* |
| LO6 |  |  | \* |

HTCS4503 Project Proposal

Marking Rubric

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
| Introduction  (8 marks) | The purpose of the proposal is clearly explained, and an excellent outline of the content of the proposal is provided.  (7-8) | The purpose of the proposal is clearly explained and a good outline of the content of the proposal is provided.  (6) | The purpose of the proposal is clearly explained, and a satisfactory outline of the content of the proposal is provided.  (4-5) | The purpose of the proposal is not explained, or no outline of the content of the report is provided.  (1-3) |
| Question 1 – project methodologies  (10 marks) | Two methodologies are discussed in detail within the word limit.  Appropriate methodology is selected.  Three reasons for selecting the methodologies are provided with justification.  (8-10) | Two methodologies are discussed within the word limit.  Appropriate methodology is selected.  Three reasons for selecting the methodologies are provided with justification.  Third reason is weak.  (6-7) | Two methodologies are discussed. One methodology is weak.  Word limit low.  Methodology is selected.  Three reasons for selecting the methodologies are provided without adequate justification.  (5) | Two methodologies are discussed. Both are weak.  Word limit low.  Methodology is not selected.  The reasons provided without adequate justification.  Or no reasons are provided  (1-4) |
| Question 2 – business impact  (10 marks) | Three questions for the project being done for the business are discussed in detail.  (8-10) | Three questions for the project being done for the business are discussed with one being weak.  (6-7) | Three questions for the project being done for the business are discussed with two being weak.  (5) | The discussion is unsatisfactory or does not address the three key questions  (1-4) |
| Question 3a - end user requirements  (6 marks) | The user requirements are thorough and complete.  (6) | The user requirements are incomplete but workable  (4-5) | The user requirements need more work as these will lead to the wrong solution  (1-3) | End user requirements not submitted  (0) |
| Question 3b - key milestones  (6 marks) | At least three milestones are identified  (6) | Two milestones are identified  (4-5) | One milestone is identified  (1-3) | No milestones identified  (0) |
| Question 3c - deliverables in general  (6 marks) | A thorough list of deliverables with an explanation are itemised.  (6) | The list of deliverables is incomplete but workable  (4-5) | The list of deliverables will lead to the wrong solution  (1-3) | No deliverables discussed  (0) |
| Question 3d - time line  (6 marks) | A thorough practical timeline is proposed  (6) | A workable timeline is proposed and documented using a Gantt chart  (4-5) | A timeline provided in insufficient to meet the project aim  (1-3) | No timeline submitted  (0) |
| Question 3e - deliverables broken down by milestone  (6 marks) | The deliverables are broken down by milestone efficiently and documented using a Gantt chart.  (6) | The deliverables are broken down by milestone satisfactorily using a Gantt chart  (4-5) | The deliverables are broken down by milestone but no Gantt chart used  (1-3) | No work submitted  (0) |
| Question 3f work schedule identifying who is doing what  (6 marks) | A thorough list of what needs to be done and who is to do it.  (6) | The list is incomplete but workable.  (4-5) | The list is incomplete and will lead to the wrong solution  (1-3) | No work schedule submitted  (0) |
| Question 3g - training needs for customer  (6 marks) | The thorough list of training needs of the users is identified  (6) | The list is incomplete but workable  (4-5) | The training needs are superficially dealt with  (1-3) | No training needs are identified  (0) |
| Question 3h - documentation  (6 marks) | A thorough list of documentation to be produced is identified  (6) | The list is incomplete but workable  (4-5) | The documentation needed is superficially dealt with  (1-3) | No documentation is identified  (0) |
| Question 3i - testing plan  (6 marks) | The testing plan is well thought out  (6) | The test plan is incomplete but workable  (4-5) | The testing plan is superficially dealt with  (1-3) | There is no testing plan  (0) |
| Question 3j - resources required (including software languages).  (6 marks) | Resources needed are identified including the languages being used  (6) | The list of resources is incomplete but workable  (4-5) | Resources required are superficially dealt with (1-3) | No resources are identified  (0) |
| Conclusion  (8 marks) | An excellent conclusion is provided that summaries the key points of the report. Conclusion is clearly connected to sections of the report.  (7-8) | A good conclusion is provided that summarises some key points of the report Some of the factors may not result from sections of the report.  (6) | A satisfactory conclusion is provided that summarises the key points of the report.  (4-5) | A conclusion is provided which fails to summarise the key points of the report.  (1-3) |
| References  (5 marks) | Assessment is correctly referenced in APA 6th edition style. In-text reference and the reference list are correctly formatted with no errors or omissions.  All the references included are from academic sources.  (5) | Assessment correctly referenced in APA 6th edition style. In-text reference and the reference list are correctly formatted with limited number of errors or omissions.  Most of the references included are from academic sources.  (4) | Assessment is referenced in APA 6th edition style but contains numerous errors in in-text referencing or the reference list.  Some of the references included are from academic sources.  (3) | Assessment is not referenced in APA 6th edition style. It contains significant errors in in-text referencing or the reference list, or is completely missing in-text referencing or a reference list.  Academic sources are not used.  (0-2) |

HTCS4603 Web Application Project

Part 1 Project Proposal Feedback Sheet

Student Names:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Max marks | Your mark | Comment |
| Introduction | 8 |  |  |
| Question 1 | 10 |  |  |
| Question 2 | 10 |  |  |
| Question 3a | 6 |  |  |
| Question 3b | 6 |  |  |
| Question 3c | 6 |  |  |
| Question 3d | 6 |  |  |
| Question 3e | 6 |  |  |
| Question 3f | 6 |  |  |
| Question 3g | 6 |  |  |
| Question 3h | 6 |  |  |
| Question 3i | 6 |  |  |
| Question 3j | 6 |  |  |
| Conclusion | 8 |  |  |
| Reference | 4 |  |  |
| TOTAL | 100 |  |  |

**Submission in Te Reo Māori**

All students have the right to submit any summative assessment task in Te Reo Māori as outlined in Unitec’s Assessment in Te Reo Māori policy. For further information, please ask your course leader.

Late Submission of Assignments

Any assessment that is submitted late (and does not have a prior approved extension or Special Assessment Circumstance) will be penalised by a deduction of 10% per day of the student’s assignment mark, up to five (5) days, inclusive of weekends.

No assignments will be accepted five (5) days (inclusive of weekends) after the due date. The student will receive a ‘zero’ grade for that assignment.

**Resubmission**

A student may apply to the course leader to undertake a resubmission for a failed assessment within 5 days of receiving their marked assessment.

Students are entitled to only one resit or resubmission of each failed assessment event.

All resubmissions will be carried out within a specified time period as agreed with the course leader. In all cases, the original marked assignment will accompany resubmitted assignments. If resubmitted work is not accompanied by the original marked assignment, the resubmitted work will not be marked and the original grade will stand.

The maximum grade for any resit/resubmission of an assessment is the lowest pass grade [C-].

Special Assessment Circumstances

Students who, due to circumstances beyond their control, miss a test, exam or an assignment deadline or consider their performance in a test, exam or assignment to have been adversely affected, should complete the form available from Student Central. This can also apply where a team member has not been able to contribute fully to their team effort.

When requesting an SAC for an assignment, the SAC application form must be submitted (along with work completed to date) within the time frame of the extension requested. For example, if the Doctor's Certificate is for one (1) day, then the SAC and work completed must be submitted within one (1) day.

**ASSISTANCE TO OTHER STUDENTS**

Students themselves can be an excellent resource to assist the learning of fellow students, but there are issues that arise in assessments that relate to the type and amount of assistance given by students to other students. It is important to recognise what types of assistance are beneficial to another’s learning and also what types of assistance are unacceptable in an assessment.

**Beneficial Assistance**

* Study Groups (This is your team!) – make it work!
* Discussions (We can have class discussions, if requested.)
* Sharing Reading Material (see the Moodle site)
* Sharing information sources and ideas in your team forums.

**Unacceptable Assistance**

* Working together with another team and submitting it as your own team’s work.
* Giving another student or team your work.
* Copying someone else’s work. This includes work done by someone not on the course.
* Changing or correcting another student’s work.
* Copying from books, Internet, etc., and submitting it as your own work.
* Resubmitting work that you did in a previous semester for any course.