**CP5046** ASSESSMENT TASK 1: **Project Documentation**

This assessment task has been prepared by Dr. Dmitry Konovalov for James Cook University. Updated 21 April 2019.

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**ASSESSMENT TASK 1: PROJECT DOCUMENTATION**

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| --- | --- |
| **Aligned subject learning outcomes** | All |
| **Group or individual** | Group |
| **Weighting** | 20% |
| **Due date** | Friday First Study Break at 5pm |

**ASSESSMENT TASK 1: DESCRIPTION**

This task is the ***iteration-1*** in terms of the Agile Software development. It defines the initial project specifications including goals, deliverables, and planning for ***iteration-2*** (***alpha release***).

**ASSESSMENT TASK 1: CRITERIA SHEET**

**[\_\_\_\_\_/20 marks] Assignment is done in a group with 2-4 students.**

***Every team member gets the same mark for this assessment item***

Write group members here:

Student Name-1, Project role(s), specific ***individual*** contributions to this assessment item:

Student Name-2:

**[\_\_\_\_/Prerequisite for marking]** Assignment is completed using electronic copy of ***this*** document and submitted to LearnJCU electronically.One submission per team.

**Gaurav**

**[\_\_\_\_\_/20 marks] Project description for non-ICT-technical stakeholders and general audience.** Write here: minimum **TWO** pages, maximum **TEN** pages.

* [\_\_\_/10] Justification for the project: Why a new ICT solution is required. Include some market and ICT technology research, plus available ICT solutions.
* [\_\_\_/5] Project goals: Describe exactly what and how your proposed ICT solution will be delivered to the client.
* [\_\_\_/5] Justify between two and four major milestones with timeline. Is your proposed schedule too ambitious (over-optimistic) or too conservative?

NANCY

**[\_\_\_\_\_/20 marks] Project scope of the full final-release (Project audit at the end of CP5047 subject). Clearly specify the scope of alpha-release (Project audit at the end of CP5046 subject), and .** Write here: Minimum **TWO** pages, maximum **TEN** pages.

**Available days:** PASS-level (minimum) effort is 1-day and maximum is 3-days per teaching week (assume 12 weeks per study period), per team member. For example: 12 x 2 = 24 days is the minimum for a team with 2 students, 12x2x3=72 days is the maximum. The available days must match the SUM of your user story estimates below.

User story 1: title, short description, effort estimate (in days, maximum of 5 days).

User story 2: ...

RUCHA

**[\_\_\_\_\_/20 marks] Project sponsor/client/customer signed/agreed to the scopes of the alpha-release and the final-release.** Cut/Paste clients’ email here, or show signed the preceding “**Project scope**” to your marking lecturer.

TANVI

**[\_\_\_\_\_/20 marks] Project development and release ICT infrastructure.** This must include development environment, programming languages, source code repositories (Configuration Management), project collaboration tools, and development tools. Write here: minimum **TWO** pages, maximum **TEN** pages.

* [\_\_\_/5 marks] **Configuration Management**/version control, e.g. git, github, heroku, bitbucket;
* [\_\_\_/5 marks] **Project tools**. Programming languages/IDEs, e.g. php/WebStorm, java/IntelliJ; Building tools/procedures, e.g. git-push to heroku; e.g. how to set-up your development environment for a new team member
* [\_\_\_/5 marks] **Testing** tools, data and procedures (what and how you are planning to test), e.g. junit; Client testing and access to release, e.g. domain name, domain hosting; Client training document, and procedures; Release testing tools, data and procedures (what and how you are planning to test);
* [\_\_\_/5 marks] **Prototypes are demonstrated to justify the proposed ICT solutions**;

**Marking Rubric for Project Documentation:** This assessment rubric provides you with the characteristics of exemplary, competent, marginal and unacceptable work in relation to task criteria.

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| --- | --- | --- | --- | --- |
| **Criteria** | **Exemplary (DISTINCTION-level)** | **Competent (CREDIT-level)** | **Marginal (PASS-level)** | **Unacceptable (FAILED-level)** |
| **Assignment is done in a group with 2-4 students.** | **20**  Group demonstrated **exemplary ability** to work collaboratively, e.g. all team members always attended the same workshop | **15** Group demonstrated **competent ability** to work collaboratively, e.g. all team members nearly always attended the same workshop. | **10**  Group demonstrated **marginal ability** to work collaboratively, e.g. all team members sometimes attended the same workshop. | **0**  Group did not demonstrated ability to work collaboratively. |
| **Project description for non-ICT-technical stakeholders and general audience** | **20**  Project is described **very clearly** for a non-technical audience. No presentation and style errors | **15** Project is described clearly for a non-technical audience; or Outside page limits, or Minor presentation and/or style errors. | **10** Project is not described clearly. Outside page limits; or Major presentation and/or style errors. | **0**  Not done, or done unacceptably. |
| **Project Planning and scope** | **20**  All user stories are correct, and correctly estimated. | **15** Most user stories are correct, and correctly estimated. | **10**  More than half of user stories are correct, and correctly estimated. | **0**  Less than half of user stories are correct, and correctly estimated. |
| **Project client signed the scope** | **20**  Intellectual property (IP) in client agreement; Clear evidence of clients priority and ranking of user stories; Signed and agreed scope. | **15** Some evidence of clients priority and ranking of user stories. Signed and agreed scope | **10**  No evidence of clients priority and ranking of user stories.  Signed and agreed scope. | **0**  Not done, or done unacceptably. Project scope is not signed. |
| **Project development and alpha-release ICT infrastructure** | **20**  Description very clearly communicates exemplary ICT solutions. | **15** Description clearly communicates competent ICT solutions. | **10**  Description communicates ICT solutions. | **0**  Not done, or done unacceptably. |