**CP3407** ASSESSMENT TASK 2: **Project part-2**

This assessment task has been prepared by Dr Dmitry Konovalov for James Cook University. Updated 20 July 2018.

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| --- | --- |
| Weighting | *Group. Students from the same team may be awarded different marks for this assessment item* |
| **Weighting** | *30%* |
| **Due date** | 29-Oct-2017 (12noon, Monday of Week-14) |

## ASSESSMENT TASK DESCRIPTION

This task is the iteration-2 in terms of the Agile Software development (or Scrum sprint-2). It delivers the alpha release to your lecturer for marking. NOTE! Students from the same team may be awarded different marks for this assessment item. To arrive at the individual student marks, your lecturer may consider all or some of the following contributing factors: your team overall marks; team feedback forms; personal observations of the student project contribution; participation during online tutorials; team github communications.

The following is the list of items, which are required to be completed in this assignment. Maximum possible marks are given in brackets at the beginning of each item.

**[\_\_\_\_/Prerequisite for marking]** Assignment is submitted to LearnJCU electronically. **The same submission document for each member of your team**.

**[\_\_\_\_\_/20 marks] Team work**

* ***Individual*** Team Feedback form is submitted to LearnJCU electronically. One submission per student.
* GITHUB link: …
* Assignment is done in a group with 2-4 students.
* Student Name-1, Project role(s), specific individual contributions to this assessment item
* Student Name-2: ...
* Student Name-3: ...
* Student Name-4: ...

**[\_\_\_\_\_/20 marks] Report the *ACTUALLY* delivered alpha-release (see your user stories in iteration-1).**

* Any deviations from the alpha-release-iteration-1 must be documented and briefly explained.
* Screen-shots (or illustrations) of running alpha-release with comments or explanations.
* Write here: Minimum **TWO** pages, maximum **TEN** pages.

**[\_\_\_\_\_/20 marks] Acceptance testing of the alpha-release**.

* Live testing of the delivered software by lecturer.

**[\_\_\_\_\_/20 marks] External software libraries**.

* E.g. Open-source libraries and components
* Briefly explain what was used and why
* Write here: Minimum **ONE** page, maximum **TWO** pages.

**[\_\_\_\_\_/20 marks] Demonstrate the Project development and release ICT infrastructure.** This must include development environment, programming languages, source code repositories (Configuration Management), project collaboration tools, and development tools.

* **Configuration Management**/version control, e.g. git, github, heroku, bitbucket;
* Project tools.
* Programming languages/IDEs.
* Building tools/procedures.
* How to set-up your development/release environment for a new team member.
* Write here: minimum **TWO** pages, maximum **TEN** pages

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| --- | --- | --- | --- | --- |
| **Criteria** | **Exemplary (DISTINCTION-level)** | **Competent (CREDIT-level)** | **Marginal (PASS-level)** | **Unacceptable (FAILED-level)** |
| **Individual Team Feedback form is submitted to LearnJCU electronically. Assignment is done in a group with 2-4 students.** | **20**  Group demonstrated **exemplary ability** to work collaboratively in github. Feedback is objective to other members and for self-improvement | **15** Group demonstrated **competent ability** to work collaboratively in github.Feedback is fair to other members and for self-improvement | **10**  Group demonstrated **marginal ability** to work collaboratively in github. Feedback is not objective to other members and/or does not identify any area for self-improvement | **0-5**  Group did not demonstrated ability to work collaboratively. |
| **Report the ACTUALLY delivered alpha-release** | **20**  All reported user stories are correct, correctly implemented, and tested. Technical information in the report is exemplarily. High quality presentation and formatting of the report. | **15** Minor errors in: All delivered user stories are correct, correctly implemented, and tested. Technical information in the report is competent. | **10** More than half of delivered user stories are correct, correctly implemented, and tested. Technical information in the report is PASS-level. | **0-5**  Not done, or done unacceptably. |
| **Acceptance testing of the alpha-release** | **20**  Live testing of the delivered software by lecturer. No issues and software works as per students’ report. | **15** Live testing of the delivered software by lecturer. Some installation/running issues | **10**  Live testing of the delivered software by lecturer. Major installation/running issues | **0-5**  Live testing is not possible |
| **External Software components or libraries** | **20**  Existing/external software components and/or libraries are used appropriately. | **15** Existing/external software components and/or libraries are used mostly appropriately. | **10**  Existing/external software components and/or libraries are not used appropriately, and/or missing | **0-5**  Not done, or done unacceptably. |
| **Demonstrate the Project development and release ICT infrastructure** | **20**  Description very clearly communicates exemplary ICT solutions. | **15** Description clearly communicates competent ICT solutions. | **10**  Description communicates ICT solutions. | **0-5**  Not done, or done unacceptably. |