IFB399 – Capstone Project

Assessment 2 – Project Artefact

Submission Date:	Monday, October 29, 2018 (Monday, Week 14)
Weighting:	50%
Task:	Group with Individual Components
Format:	Zip Archive

Note that in the ordinary course of events, all members of the group will receive the same mark for the Project Artefact assessment. The *Group with Individual Components Task* allows us to award lower marks to one or more members of the group should there be clear evidence of wild variations in contribution.

Introduction

This document provides an overall guide to artefact submission at the end of IFB399, the second of the Capstone Units. This *Project Artefact* submission differs from IFB398 in that the *Final Report* and the *Project Artefact* are here treated as separate assessment items. The IFB399 *Final Report* – described elsewhere in the assessment section of BlackBoard – is intended as a guide to your project for the benefit of the teaching team. The *Final Report* demands a number of sections that are about the project context and goals, the project success and about tracking of your work against your plans. None of those are relevant here.

However, you are also required as part of that *Final Report* to produce a summary of your artefact, and this is essentially a summary of the evidence that you will submit here. We will mark this separately on its quality as a report, but we will also use it to help us understand what you have achieved.

It should be understood at this stage that it will be a good deal more difficult to achieve a mark at grade of 6 or 7 standard for the *Project Artefact* than it was for the comparable assessment in IFB398. At the end of the first semester, it was important to see that everyone was progressing and to assess your work as a foundation for something more substantial. At that point, many teams had encountered some significant delays in dealing with clients or getting their project on track. Sometimes these were at least in part the fault of the team, and this was reflected in the marking. But in some other cases, teams were given some leeway due to a late start.

By now we expect that everyone is in a position to do something at a reasonable level. We will be understanding of delays genuinely beyond your control, but in general there is a strong expectation that you will deliver.

Assessment

The overall approach will be as discussed in the initial class emails about these assessment items:

- The *Final Project Report* includes a summary of the artefact – including a summary of the validation and review undertaken, and the technical challenges encountered.
- The *Final Project Report* must also include a user guide (development projects) or equivalents such as an executive summary (consulting reports) and suitable alternatives for other project types.

- The *Project Artefact* submission will vary according to the type of project, but will essentially be a zip of everything that you as a team think is relevant. This may include any code, unit tests, acceptance tests, source documents, standards consulted, research papers perused, design sketches and mock-ups, and so on… There could be many alternatives, and there is likely to be a lot of material, so the artefact description in the *Final Report* will help us.

The assessment will be organised as follows:

- There will be an overall CRA which will cover all of the possible project types, with a focus on the deliverable actually produced by the team, and on its quality and presentation.
- It will be especially important that the scope of the project aligns with what was agreed with the client, and this will be the main focus of your discussion and agreement with your tutor. In the CRA we will refer to this as *Scope Delivered*.
- We will provide a series of specific guides for each of the projects, indicating the types of factors to be considered in these assessments. In particular, the assessment of quality and validation will vary across project types. The guides will be available by early in Week 5, and these will match the project types considered in the *Interim Report* of IFB398 and in the *Final Report* for this unit: the Software Project, the Technical Exploration and Design Projects, and the Business Analysis or Consulting Projects. If you feel that your project is not a good fit for one of these standard project types, then please raise this with us at IT Capstone it.capstone@qut.edu.au, and then with your tutor at the **week 6** meeting.
- Your tutor will lead a discussion with you as a team to make these factors concrete in the context of your specific project, and these will be agreed in draft form by the end of **week 6** and *signed off at the **week 8** tutor meeting.*

The overall CRA is available in the same link on BlackBoard as this document. The additional guides will be added later at the same link. More guidance on the submission formats will be provided when the submission link is released in week 12 or early in week13.

Interpretation, Project Difficulty, and Generosity of Marking

It is important to add an explanatory note about the role of the agreement that you will make with your tutor. The idea is to provide clearly identified markers of the success of the project, which if done well, will enable us to place your team at a particular grade level, although not necessarily right at the top of the indicated mark range.

This will become clearer as you read the guides, but if, for example, we were to say that the achievement of a particular level of functionality would be sufficient for a mark in the 6 band for *Scope Delivered*, then there is an expectation that this functionality is delivered *well*. This is, one hopes, an obvious point, but it is one worth making. In particular, we may record a mark in a lower band if the features don't work properly. Finally, we will be taking account of the difficulty of the project in the agreement with the tutor, and in our expectations when it is delivered, and we may be more forgiving of minor deficiencies in a technically challenging project than in one which should be straightforward for students at this level. However, this will be within the constraints agreed with the tutor in week 8.