

COMP 1531 S2 Group Project

Online Survey System – Iteration 2

A. Iteration 2 Deadline: Week 11

The second iteration demo for the online survey system will be held in week 11. Customer has provided feedback following the first iteration demo which is outlined below for your perusal.

B. Advisory Board Reflection following the recent iteration demo:

Following the recent iteration demo, the advisory board have made the following observations and **recommendations** to their existing project specification:

- The online survey system will be made available to different faculties of Engineering such as chemical, civil etc. Hence, we anticipate that the **number of respondents** and subjects being surveyed would **increase dramatically** in the future. Further, we need a more **robust, reliable back-end system** to hold our survey data, so that in the event of any crashes, data is not lost.
- With the increased capacity of the system, we would still like our system to **perform efficiently** and handle the increase in volume of respondents without compromising **response times**.
- We feel that the current **security** infrastructure is not adequate. We have realised that with the current design of the system, there are several ways that could compromise the survey results. Firstly, opening the survey to public enables even respondents who have not undertaken the course to be able to fill out a survey. Secondly, in the current design, students are able to fill out the survey form multiple times. We want respondents to be able to fill out a survey for a particular course offering only if they are currently a student and enrolled in that course offering. And, once a student has filled out a survey, they should not be permitted to fill out the survey again. Finally, **staff** (teaching the course offering) should **not** be allowed to fill out the survey. All of the above factors have the potential to impede the accuracy of the survey results. Further, we would like the identity of the user filling out the survey to be **anonymous**. To further improve the accuracy of the survey results, after the survey has been created by the administrator and reviewed by the staff-in-charge, the survey should be active (i.e. open to the students) only for a fixed period of time. Once, the period lapses, students should no longer be able to fill out the survey.
- We think it is a good idea to enable **staff** who are currently teaching the course offering to be able to **review** the survey questions and given an opportunity to choose one or more optional questions.
- Due to the possibility of the survey system being opened to other faculties, we would like the survey system to have the following additional features. The survey questions should be able to handle different response types e.g., MCQ, text-based.
- Unless otherwise stated above, all the features that we had requested in the original specification remain valid.