USER STORY

**EPIC STORY 1:** As an admin, I want to be able to create surveys in order to effectively collect feedback from students doing various course. The surveys should be a compilation of questions from the two pools; mandatory and optional. The responses are then collected in a database containing statistical data.

**EPIC STORY 2:** As a staff, I want to be able to review surveys, which are assigned to me, that the admin has created. I should be able to add or delete optional questions from the survey and make the survey open to the students currently undertaking the course. I should also be able to view the graphical results of survey after the survey’s closed.

**EPIC STORY 3:** As a student, I should be able to complete the surveys for the courses I am enrolled in which are shown on my dashboard. I should also be able to view the graphical results of survey after the survey’s closed.

*\*\*\*\* A single user point will equate to approximately 1 hour of work \*\*\*\**

List of user stories for the first iteration:

* **ID:** US1 – creation of a pool of questions
* **ID:** US2 – view the pool of questions
* **ID:** US6 – add answer options to the questions
* **ID:** US8 – respondent can complete the survey
* **ID:** US9 – respondent can complete the survey multiple times

List of user stories for the second iteration (including the ones in the first iteration):

* **ID:** US1 – creation of a pool of questions split into two sections; mandatory and optional
* **ID:** US2 – viewing the pool of questions by the admin and the staff
* **ID:** US6 – adding answer options to multiple questions
* **ID:** US8 – only students enrolled in the course can complete the survey
* **ID:** US9 – a student can complete the survey only once
* **ID:** US11 – adding three types of users to the survey system; admin, student, staff
* **ID:** US12 – using database to store information rather than csv
* **ID:** US13 – accommodating two types of questions; multiple choice and text-based

List of user stories for the final iteration (including ones from previous iterations):

* **ID:** US1 – creation of a pool of questions split into two sections; mandatory and optional
* **ID:** US2 – viewing the pool of questions by the admin and the staff
* **ID:** US3 – adding and removing courses according to the changes university makes
* **ID:** US4 – duration of survey availability
* **ID:** US5 – survey results are displayed on staff and student’s dashboard for viewing
* **ID:** US6 – adding answer options to multiple questions
* **ID:** US8 – only students enrolled in the course can complete the survey
* **ID:** US9 – a student can complete the survey only once
* **ID:** US10 – produce a statistical report of the results
* **ID:** US11 – adding three types of users to the survey system; admin, student, staff
* **ID:** US12 – using database to store information rather than csv
* **ID:** US13 – accommodating two types of questions; multiple choice and text-based
* **ID:** US14 – strict authorisation

**ID:** US1

**EPIC STORY:** 1, 2

**USER STORY DESCRIPTION:** As an admin, I want to be able to create a pool of ~~multiple choice~~ questions so I can ask a diverse amount of questions. **Update:** create two pools of questions; mandatory and optional

**ACCEPTANCE CRITERIA:**

* ~~The admin can only add multiple choice questions i.e. they shouldn’t add questions that require the respondent to write their answers.~~
* Any combination of the questions may be included in the survey.
* ~~The admin can delete any questions~~
* Update: the admin can add/delete questions from both pools
* Update: the admin can add/delete questions from the survey
* Update: the staff can only add questions from the optional questions pool but not directly access the pool of questions

**PRIORITY:** 10

**SIZE:** 12

**ID:** US2

**EPIC STORY:** 1

**USER STORY DESCRIPTION:** As an admin, I would like to see all the questions that I have written so I can choose which ones to use when creating a new survey. **Update:** the staff can only edit the questions in the survey that are from optional question pool

**ACCEPTANCE CRITERIA:**

* An admin should be able to view all the survey questions
* They should be able to select the question only once per survey
* When the admin has finished selecting the questions, they should be able to preview the survey before making it available to the ~~public~~ staff
* If no question has been selected, and the admin proceeds with the creation of the survey, then an error message is displayed; “Select at least one question before creating the survey”
* If they can’t find a particular question, there should be an option for creating a new question on the same page
* Update: when the staff has finished reviewing the survey, they should be able to preview the survey before making it available to the students enrolled in the course
* Update: the staff can only add/delete questions in the survey that are from the optional question pool

**PRIORITY:** 8

**SIZE:** 3

**ID:** US3

**EPIC STORY:** 1

**USER STORY DESCRIPTION:** As an admin, I should be able to add and remove courses to adapt to changes that universities may make.

**ACCEPTANCE CRITERIA:**

* An option should be available to the admin if they wish to add new courses for surveys or take courses down when required
* ~~When a~~ ~~course/s is taken down, the responders won’t be able to view the removed course/s when selecting the course they wish to take a survey of~~
* ~~When the admin has appended a new course, the responders would be able to undertake the survey available for the course~~
* Additionally, the admin should be notified if they try to create a survey for a course that already has an existing survey

**PRIORITY:** 8

**SIZE:** 5

**ID:** US4

**EPIC STORY:** 1

**USER STORY DESCRIPTION:** As an admin, I should be able to set the duration of survey availability  ~~make surveys unavailable to the public when no further statistical data is required for a particular course.~~

**ACCEPTANCE CRITERIA:**

* ~~There should be an option which would allow the admin to make surveys unavailable to the public at any point in time~~
* When the survey is unavailable, the student won’t be able to attempt the survey i.e. the course of the survey is taken down from the student’s dashboard.
* When the course is made unavailable, any responses that are in transit are to be ignored
* ~~The admin should also be able to make the survey they had previously made unavailable, accessible again when required~~

**PRIORITY:** 6

**SIZE:** 6

**ID:** US5

**EPIC STORY:** 1

**USER STORY DESCRIPTION:** ~~As an admin,~~ ~~I should be able to make the survey results available to the general public through a link to be able to share the data collected.~~ **Update:** When the survey is closed by the admin, the survey results for that course offering will appear on staff and student’s dashboard for viewing.

**ACCEPTANCE CRITERIA:**

* ~~If required, the admin should be able to make publish the results for the public to view~~
* The results will be able to be ~~viewed through the link directly (i.e. no authentication will be required)~~ available on both staff and students dashboard for viewing
* ~~If the admin wishes, they can also publish any comments alongside the results~~
* ~~There should also be an option for the admin to make the results private again if they wish to~~
* ~~And the admin should also be able to release parts of the results if they want don’t wish to display the entire results~~
* ~~The public link should not present any security risks for the admin, such as, accidently reviewing the admin’s email~~
* The results can only be viewed ~~by the public~~ i.e. the results cannot be modified ~~by the public~~

**PRIORITY:** 4

**SIZE:** 5

**ID:** US6

**EPIC STORY:** 1

**USER STORY DESCRIPTION:** As an admin, I should be able to choose how many answer options are allocated to each question to allow respondents to respond more specifically. **Update:** For multiple choice questions

**ACCEPTANCE CRITERIA:**

* An option should be available for the admin to choose the number of answer options there are for each question
* For convenience, the admin should be able to choose from yes/no option, option with a range of strongly agree to strongly disagree or they can create their own option types
* For the accuracy of results, the respondent can choose only one option from the multiple options present unless the admin allows the respondent to choose multiple answers for particular questions
* Modification: the admin appends the answer options rather including a yes/no and agree/disagree option

**PRIORITY:** 9

**SIZE:** 6

**ID:** ~~US7~~

**USER STORY DESCRIPTION:** ~~As an admin, I should be able to view the results of the survey at any point in time.~~

**ACCEPTANCE CRITERIA:**

* ~~The results are to be recorded as soon as a respondent completes a survey~~
* ~~Results are displayed upon an admin’s request~~

**PRIORITY:** ~~6~~

**SIZE:** ~~5~~

**ID:** US8

**EPIC STORY:** 1

**USER STORY DESCRIPTION:** As a respondent, I should be able to click on ~~any survey link~~ the survey links for the courses I am taking so I can present my views on a particular course

**ACCEPTANCE CRITERIA:**

* The respondents should be able to click on survey links and have the survey displayed
* Upon opening a survey, questions and answer options (if mcq) should be displayed
* Survey should be optimised for the respondent’s browser

**PRIORITY:** 10

**SIZE:** 2

**ID:** US9

**EPIC STORY:** 3

**USER STORY DESCRIPTION:** As a respondent, ~~I should be able to complete and submit any survey I open as many times as I wish.~~ **Update:** I can only complete the survey once

**ACCEPTANCE CRITERIA:**

* The respondent should be able to select/type answers to the questions.
* The respondent should be able to click submit in order to submit the survey.
* ~~The respondent should also be able to fill out and submit the survey as many times as they wish~~

**PRIORITY:** 10

**SIZE:** 3

**ID:** US10

**EPIC STORY:** 1

**USER STORY DESCRIPTION:** As an admin, I should be able to produce a statistical report of the results which can be viewed by the staff and students when the survey is closed ~~to keep track of the progress of the survey results~~

**ACCEPTANCE CRITERIA:**

* Results are written to a database, depending on the course
* There should only be one database for each course
* Update: survey results stored in the system shouldn’t be affiliated with user to preserve anonymity
* Update: the admin can view the results anytime while students/staff can only view after the survey is closed

**PRIORITY:** 9

**SIZE:** 5

**ID:** US11

**EPIC STORY:** 1, 2, 3

**USER STORY DESCRIPTION:** The survey system should accommodate three different types of users; admin, student, staff.

**ACCEPTANCE CRITERIA:**

* There are different dashboards of each user that allows them to do or access different things;
* Admin: creating surveys, closing surveys
* Staff: reviewing created surveys, making them available to the students enrolled in the course, view the survey results
* Student: completing and submitting the survey, view the survey results

**PRIORITY:** 10

**SIZE:** 10

**ID:** US12

**EPIC STORY:** 1

**USER STORY DESCRIPTION:** A database is used to store information rather than csv

**ACCEPTANCE CRITERIA:**

* Databases are used to store the pools of questions, courses and staff afflicted with it, results of the survey

**PRIORITY:** 5

**SIZE:** 7

**ID:** US13

**EPIC STORY:** 1

**USER STORY DESCRIPTION:** As an admin, I should be able to create questions which require text based answers from students

**ACCEPTANCE CRITERIA:**

* Questions that are open ended should have a text box below it to allow students to type their answer in

**PRIORITY:** 8

**SIZE:** 4

**ID:** US14

**EPIC STORY:** 1, 2, 3

**USER STORY DESCRIPTION:** URL of a user’s dashboard can’t be used to open the dashboard again

**ACCEPTANCE CRITERIA:**

* When logged in as a student/staff, the URL of the admin’s dashboard won’t be able to open the dashboard
* A suitable authorisation error is displayed if such behaviour is attempted

**PRIORITY:** 7

**SIZE:** 4