

COMP1531 Group Assignment
W16A - Wednesday 4pm-7pm
*Team: **Google 2.0***

User Story Documentation v2

Unique Status Identifier: EPIC-1

Epic Story-Description: As an admin, I would like to create surveys to collect feedback from students on courses.

N.B.:

Story Points: 1 SP = 1 HR

Priority Implementation: Scale of 1-5, 1 being the highest priority.

Unique Status Identifier: AUS-1

Name: Login as an admin.

User-Story Description: As an admin, I should be able to log in with my login credentials, to create course surveys for students to complete.

Acceptance Criteria:

- Admins will have specific login credentials for the survey system. (It can be a simple admin user and password)
- To be an admin, they need to be a course convenor, lecturer, or tutor.
- If the login credentials are incorrect then produce an error message

Story Points: 2

Priority Implementation: 1

Unique Status Identifier: AUS-2

Name: Search the list of course offerings to create a survey.

User-Story Description: As an admin, I should be able to search the list of available course offerings, to create surveys particular to that course.

Acceptance Criteria:

- To be able to search the list and select a course to create a survey for it.
- Only current course offerings should be shown.

Story Points: 2-3

Priority Implementation: 3

Unique Status Identifier: AUS-3

Name: Create a pool of questions.

User-Story Description: As an admin, I should be able to access a pool of mandatory questions for me to use in my survey forms, to make survey creation a lot more efficient and easy.

Acceptance Criteria:

- To be able to create, and delete questions.
- These questions are mandatory, and cannot be deleted by a staff member during the Review stage of the survey creation
- These questions should only be accessible to me.

Story Points: 4

Priority Implementation: 3

Unique Status Identifier: AUS-4

Name: Tracking current questions.

User-Story Description: As an Admin, I should be able to see the current selection of questions to be used in the survey, as I want a good sense of what types of questions are in my survey and to avoid redundant questions.

Acceptance Criteria:

- Questions should be easily read/accessed
- The display of the going to be added questions should not obscure selection of more questions

Story Points: 4

Priority Implementation: 2

Unique Status Identifier: AUS-5v2

Name: Mandatory questions

User-Story Description: As an Admin, I can create a selection of mandatory questions to be used in a survey for a course offering, as I will decide what must be included before staff can add their input.

Acceptance Criteria:

- During the create stage of the survey, I should be able to enter mandatory questions
- These questions are permanent for the life of the survey, and cannot be deleted or altered by a staff member
- These questions will form a base for the survey, which staff members can build upon with their additional questions

Story Points: 3

Priority Implementation: 5

Unique Status Identifier: AUS-6v2

Name: Multiple response type questions

User-Story Description: As an admin/staff, the questions I create in the survey should be flexible to allow for different response types, this way the questions can be adapted to the type of responses I would like to receive.

Acceptance Criteria:

- The survey system should support different types of questions

Story Points: 3

Priority Implementation: 2

Unique Status Identifier: AUS-7v2

Name: Releasing the survey to staff and students.

User-Story Description: As an admin, I should be able to release the survey to course associated staff for that course offering, allowing them to add their own questions to the survey, and then release it to their students.

Acceptance Criteria:

- Once the survey has been created, it should be in Review mode for the staff to edit/monitor

- When the survey is in review mode, it is only visible to the staff members
- Staff should be able to add or delete any of their extra (optional) questions in the survey
- Once created, the survey should have an expiration date
- Once the survey is saved, it should be released to the student's dashboards for completion
- The survey will appear on the student's dashboard under the "open" surveys section

Story Points: 4

Priority Implementation: 2

Unique Status Identifier: AUS-8v2

Name: Results collection.

User-Story Description: As an Admin, I would like the results of a survey to be easily accessible and seen by me, this makes my analysis and collection of the results more efficient.

Acceptance Criteria:

- I should be able to see the results for each survey in a **database**
- I should be able to see the results dynamically in real time as students complete the surveys
- I should be able to see the results of **all** courses

Story Points: 1

Priority Implementation: 1

Unique Status Identifier: AUS-9 (REDACTED)

Name: Differentiation of Courses

User-Story Description: As an Admin, I would like to see the results of different courses in different files, this means that only relevant data is accessed so analysis of specific courses is more accurate.

Acceptance Criteria:

- Results for different courses are in separate files
- These files are easily accessible
- The admin should be able to easily identify and select which course's data they want to access

Story Points: 3

Priority Implementation: 2

Unique Status Identifier: AUS-10v2

Name: Store and Release data

User-Story Description: As an admin, I should be able to release the results of surveys to the public when I wish, so I can control when the public receives information.

Acceptance Criteria:

- Only admins can release data to public
- Data is made public at a reasonable speed
- Data is readily accessible by the public
- Released surveys should not be able to be altered in the aftermath

Story Points: 5

Priority Implementation: 5

NEW CRITERIA FOR ITERATION 2

Change over from flat file-system to a database - authentication module and survey system will use the database as their persistence layer

- New secure authentication mechanism - a log-in mechanism to authenticate users. There are 3 types of users: “admin”, “staff”, and “student”
 - Student:
 - Able to log in using their zID and password. **#DONE**
 - Should be able to see the course offerings that they’re enrolled in. **#DONE**
 - and the associated “open” surveys. **#NOT DONE**
 - Should be able to click on course offerings, which will take them to the survey form to be completed. **#DONE**
 - Once the survey has been completed, the course offering will be removed from the dashboard. **#NOT DONE**
 - Should be able to see the links to results of surveys that have “closed”. **#NOT DONE**
 - Admin:
 - A “super user” - can log in with username and password. **#DONE**
 - Has same responsibilities from previous iteration: can add/delete questions. **#DONE**
 - and can also close a survey after the survey period has lapsed. **# NOT DONE**
 - Staff:
 - Can log in with staff id and password **#DONE**
 - When they log in, they should have a list of course offerings with their associated surveys in “review” stage on their dashboard. **#NOT DONE**
 - Can click on a course offering, which will take them to the survey form to be reviewed. **#DONE**
 - Staff cannot make changes to the generic questions. **#DONE**
 - They can add/delete one or more of the optional questions. **#DONE**
 - The changes will be saved. **#DONE**
- Authentication module - “passwords.csv” - contains all the zIDs, passwords, and role for all users
 - It will import the security details to the database
 - It will store the authentication details for admin user in the database
- Workflow of authentication module:
 - Home page is launched
 - Login page is presented to the user
 - Security details are passed to the authentication module
 - The role information will be passed to the survey application:
 - For students, the student dashboard will be shown with all course offerings that the student is enrolled in, and the associated “open” surveys are displayed
 - For admins, the admin dashboard is shown
 - For staff, survey system shows a staff dashboard that shows the list of course offerings being taught by the staff and surveys in “review” stage
 - If unsuccessful login, module returns an “invalid” authentication response to the survey system, and their details are to be entered again
- Survey system will have all the same features as the previous iteration, but with some changes:
 - Admin user initiated the workflow process for the creation of a survey for a particular course-offering. **#DONE**

- Admin uses part or all of the questions from the mandatory question pool, also specifying a start date and an end date for the survey. Survey enters Create phase, which is hidden from students and staff at this stage. **#DONE**
 - Once surveys are saved by the admin, the survey will be assigned to the staff in charge of the course offering, which will allow it to enter the next phase, Review. **#DONE**
 - During the review phase, the form will appear in the designated staff's dashboard. They can log in to the survey system, review the survey, and save the changes. Survey is not visible on the student's dashboard at this stage. Staff will be able to access the survey form and add questions to the survey form from the pool of questions. Staff will be able to see questions added by the admin, but will not be able to alter them in any way. Once they're done, the survey can then be released to the students. Entering Open phase. **#DONE**
 - Survey will appear on all enrolled students' dashboards. Enrolled students can log in and take the survey. Students submit responses, and the responses will be saved to the database. The completed survey will then be erased from the dashboard to prevent them from retaking the survey.
 - Once the survey has expired, the admin can choose to take down the survey.
 - No automated scheduling mechanism is not required for this iteration.
 - The closed status will be manually initiated by an admin.
 - Once it is closed, it will no longer be visible to the students or the staff members.
 - Once closed, the survey results will appear on the staff and student's dashboards for viewing.
- 2 types of questions: mandatory and optional
 - Admin will add the mandatory questions
 - Staff can add optional questions
 - Both should appear in their own categories in the admin's pool of questions
 - Admins can delete from both.
 - Surveys with that deleted question can still use it, but new ones cannot.
 - Survey should be able to handle different response types
 - At least support for text based and multiple choice based questions
 - It should be flexible to accommodate more response types in future
 - Course offerings will only have survey forms associated with it
 - All survey responses stored in database
 - Survey results should be anonymous
 - Courses.csv and Enrolments.csv must be loaded into the database by the survey system when the application is started
 - Metrics section:
 - Admins should be able to access the submissions for any given survey form from the Metrics dashboard
 - Course offering names should appear under the Metrics dashboard as soon as the survey form is created in the Review stage
 - The stats page of the metrics dashboard should show all results from users so far
 - The board will use graphs at the top of the page to help visualise the results quickly
 - Once the survey has been closed, the results of the survey should be visible from the student's dashboard

Unique Status Identifier: AUS-1 V2

Name: Login as an admin.

User-Story Description: As an admin, I should be able to log in with my login credentials, **allowing me** to create course surveys for students to complete.

Acceptance Criteria:

- Admins will have specific login credentials for the survey system. (It can be a simple admin user and password)
- **Only Admins should be able to create surveys**
- **When accessing admin-only methods, the current user must be authorised and if not, access is denied.**
- To be an admin, they need to be a course convenor, lecturer, or tutor.
- If the login credentials are incorrect then produce an error message

Story Points: 2

Priority Implementation: 1

Unique Status Identifier: AUS-11

Name: Close a survey

User-Story Description: As an admin, I should be able to close a survey so no more responses can be made.

Acceptance Criteria:

- The survey should no longer be able to be taken after the admin has closed it
- Closing the survey should be easily accessible
- Once closed, future submissions of the survey are declined.

Story Points: 3

Priority Implementation: 1

Unique Status Identifier: SUS-1

Name: Login as a student.

User-Story Description: As a student, I should be able to login with my zID and zPass, so that I can answer surveys

Acceptance Criteria:

- Students will have specific login credentials for the survey system. (It can be a simple admin user and password)
- Students should be registered on the website
- If the login credentials are incorrect then produce an error message

Story Points: 2

Priority Implementation: 1

Unique Status Identifier: SUS-2

Name: See course offerings

User-Story Description: As a student, I should be able to see the list of courses which I am enrolled in, so I can answer the surveys from the specific courses.

Acceptance Criteria:

- Students should be able to see the list of courses that they are enrolled in
- Inside each course they should be able to see the open surveys for each respective course

- Elements of the List of surveys should be links to respective surveys

Story Points: 3

Priority Implementation: 1

Unique Status Identifier: SUS-3

Name: See results of surveys

User-Story Description: As a student, I should be able to see the results of surveys I have participated in.

Acceptance Criteria:

- Access to survey results should only be given if:
 1. The results have been released by the Admin/Staff
 2. The Student themselves have completed the Survey
- Results should be readily accessible if available

Story Points: 3

Priority Implementation: 2

Unique Status Identifier: SUS-4

Name: No Resubmission

User-Story Description: As a student, I should only be able to complete each survey once, so that I can complete all necessary surveys.

Acceptance Criteria:

- Surveys should be removed from the dashboard upon completion
- Students should not be able to complete the survey multiple times (i.e. if given a link to the survey externally)

Story Points: 3

Priority Implementation: 2

Unique Status Identifier: SUS-5

Name: Anonymity

User-Story Description: As a student, my responses should be anonymous as to allow me to more freely voice my opinions.

Acceptance Criteria:

- Zid should not be stored as part of the response
- The student should not be able to be identified through their survey response

Story Points: 1

Priority Implementation: 2

- Course offerings will only have survey forms associated with it
- All survey responses stored in database
- Survey results should be anonymous

Unique Status Identifier: AUS-12

Name: Choose types of questions

User-Story Description: As an Admin, I should be able to choose whether it's a text or a multiple choices question, so I can have a variety of answers.

Acceptance Criteria:

- Selection of type of question should be easy
- If text is selected, the question should receive a text-based response
- If Multiple-choice is selected, the question should receive a scale of 1 to 5
- The type of question has to be specified in order for survey completion to be valid

Story Points: 4**Priority Implementation:** 2

Unique Status Identifier: AUS-13**Name:** Choose necessity of questions**User-Story Description:** As an Admin, I should be able to choose which questions are mandatory and which questions are optional, so I can guarantee answers for some questions.**Acceptance Criteria:**

- Should be easy to select which questions to be mandatory
- Survey cannot be submitted if mandatory questions do not have answers
- If submit is attempted without all mandatory questions answered, a prompt should appear notifying the responded.

Story Points: 4**Priority Implementation:** 1