

Stories completed in sprint 1:

- US1 - Login for staff user of system
- US2 - Home screen for staff
- US3 - Creating a survey
- US6 - Submission of survey by students
- US8 - Home screen for student
- US11 - Login for student user of system
- US10 - Question pool of survey questions

Stories completed in sprint 2:

- US4 - Saving a survey draft creation
- US5 - Survey review by staff
- US7 - Survey closure by admin
- US9 - View of all Survey Responses for any particular class relevant to the staff
- US12 - Login for admin of system
- US13 - Home screen for admin

Stories changed in sprint 2:

- US3 - Creating a survey
- US6 - Submission of survey by students
- US10 - Question pool of survey questions

Stories completed in sprint 3:

- US14 - Login for guest of system
- US15 - Home screen for guest
- US16 - Guests registration
- US17 - Authentication by admin for guests' registration
- US18 - Submission of survey by guest who registered this survey

## User Stories

### Story Points:

1 Story point is equal to one hour's work

### Priority Scale:

The priority scale is defined from 0 being of the highest priority, higher positive integers are regarded as increasingly lower priority.

## Epic stories

### Epic Story 1 - *Logging into the survey system*

ID: US12

**Name:** Login for admin of system

**User-Story Description:** As an admin, I want to be able to provide my credentials for verification so that the system can grant me access to the elevated privileges I require to manage and create surveys and prevent students or other parties from doing so

**Acceptance criteria:**

- Given an admin, when they put in their already given login credentials, they can then access the survey system dashboard and internal functionality relevant to their user status

**Priority of implementation:**

- 3
- Important in setting the control flow of the site to function correctly for different users. Additionally acts as a security mechanism to prevent unauthorised and unintended use

**Size:** 5

**ID:** US1

**Name:** Login for staff user of system

**User-Story Description:** As a staff member, I want to be able to provide my credentials for verification so that the system can grant me access to the elevated privileges I require to review the surveys which I enrolled in

**Acceptance criteria:**

- Given a staff user, when they put in their already given login credentials, they can then access the survey system and can a list of surveys they will review

**Priority of implementation:**

- 3
- Important in setting the control flow of the site to function correctly for different users. Additionally acts as a security mechanism to prevent unauthorised and unintended use

**Size:** 5

**ID:** US11

**Name:** Login for student user of system

**User-Story Description:** As a student user, I want to provide my credentials so that I can complete surveys relevant to myself

**Acceptance criteria:**

- Given a student user, when they put in their already given login credentials, they can then access the survey system dashboard and internal functionality relevant to their user status

**Priority of implementation:**

- 3
- Important in setting the control flow of the site to function correctly for different users. Additionally acts as a security mechanism to prevent unauthorised and unintended use

**Size:** 1

**ID:** US14

**Name:** Login for guest user of system

**User-Story Description:** As a guest member, I want to be able to provide my credentials for verification so that I can complete one survey which I interested in.

**Acceptance criteria:**

- Given guest users, they need to register their account(id, password, course, offering) initially, then wait for the authentication by admin. After the admin authorized the account, they can login to complete the survey which they are interested in.

**Priority of implementation:**

- 3
- Important in setting the control flow of the site to function correctly for different users. Additionally acts as a security mechanism to prevent unauthorised and unintended use

## Epic Story 2 - Presentation of the dashboard

**ID:** US13

**Name:** Home screen for admin

**User-Story Description:** As an admin, I want to see a list of current surveys that have been sent out along with what groups of students they have been sent to via assignment of survey to course offering, so that I can know what other surveys need to be created

**Acceptance criteria:**

- Given an admin, when they reach the home page, they then see a scrollable list of surveys that have been released to students
- Given an admin, when they reach the home page, they then can navigate to all the system's main functionality within 3 clicks.
  - Question pool
  - Create a survey
  - Viewing survey responses
  - Login history

**Priority of implementation:**

- 2
- Admin should be presented with easy to access links to either create a survey or complete a survey. The home screen will allow users to easily get to and use the functionality they need to

**Size:** 3

**ID:** US2

**Name:** Home screen for staff

**User-Story Description:** As a staff member, I want to see a list of current surveys that I need to review

**Acceptance criteria:**

- Given a staff user, when they reach the home page, they then see a scrollable list of surveys that have been released to students
- Given a staff user, when they reach the home page, they then can navigate to all the system's main functionality within 3 clicks.
  - Review survey
  - Viewing survey responses

**Priority of implementation:**

- 5

- Staff should be presented with a list of surveys which need to be reviewed. The home screen will allow users to easily review the surveys

**Size:** 3

**ID:** US8

**Name:** Home screen for students

**User-Story Description:** As a student, I want to see what surveys have been sent out to me to complete

**Acceptance criteria:**

- Given a student user, when they reach the home page, they then see a scrollable list of surveys that have been released for them to complete
- Given a student user, when they reach the home page, they then can navigate to all the system's main functionality within 3 clicks.
  - Responding to a survey
  - View survey responses after the survey closes

**Priority of implementation:**

- 8
- Students should be presented with easy to access links to complete a survey. The home screen will allow users to easily get to and use the functionality they need to

**Size:** 3

**ID:** US15

**Name:** Home screen for guests

**User-Story Description:** As a guest, I want to fill out the survey which I interested in

**Acceptance criteria:**

- Given a guest user, when they reach the home page, they then see only one survey. They can complete the survey which is in open survey list, otherwise they cannot fill out it even if they are interested in this survey.
- Given a guest user, when they reach the home page, they then can navigate to all the system's main functionality within 3 clicks.
  - Responding to a survey
  - View survey responses after the survey closes

**Priority of implementation:**

- 3
- Guests should be presented with easy to access links to complete a survey. The home screen will allow users to easily get to and use the functionality they need to

**Size:** 3

## Epic Story 3 - Survey management

**ID:** US3

**Name:** Creating a survey

**User-Story Description:** As an admin, I want to be able to create a survey included multiple choice questions and text based questions intended for a certain class so that I can have a survey released to the relevant students to complete

**Acceptance criteria:**

- Given an admin, when they are at the survey creation page, they then can add and edit questions

- Given an admin, when they are at the survey creation page, they then can be suggested questions from the question pool
- Given an admin, when they are at the survey creation page, they then can select a course/course offering to link with the survey

**Priority of implementation:**

- 1
- The survey they created must be open for students who are undertaking this course, and staff are not allowed to do the survey
- This is the core feature of the system so should be implemented early to check with our stakeholders that this system can service their core need. The system needs to allow users to make surveys for the system to be used effectively.

**Size:** 5

**ID:** US4

**Name:** Saving a survey draft creation

**User-Story Description:** As an admin, I want to be able to save my progress and continue at a later time when I am creating a survey so that I won't lose my data and progress if there are any interruptions

**Acceptance criteria:**

- Given an admin, when he is at the home page, they then can select and access a previously incomplete survey to complete
- Given an admin, when he is at the survey creation page, they then can save a currently in progress survey to presumably continue it later

**Priority of implementation:**

- 13
- This is a nice to have feature but does not impede on the system's service. A staff member that cannot save a draft survey setup would simply have to re-create the survey which should not take long

**Size:** 2

**ID:** US5

**Name:** Survey review by staff

**User-Story Description:** As a staff, I want to be able to review the survey questions and choose one or more optional questions.

**Acceptance criteria:**

- Given a staff-in-charge, when they open the completed survey, they can add one or more optional questions
- Given a staff-in-charge, when they add all of questions they want to survey, they can save the current survey
- Given a staff-in-charge, when they save the survey, the survey can be opened for students only for a fixed period of time

**Priority of implementation:**

- 3
- The survey would be more comprehensive after staff review this survey, therefore the feedback from this survey would be more accurate

**ID:** US6

**Name:** Submission of survey by students who enrolled in this course

**User-Story Description:** As a student, I want to be able to respond to all questions of the survey and submit my response when I am done

**Acceptance criteria:**

- Given a student, when they have answered a survey, they then can submit their response which is received and stored by the system
- Given a student, when they have submitted a response, they then see a notification that their response has been received
- Given a student, when they have submitted a response, they are not allowed to submit a response again

**Priority of implementation:**

- 5
- Students need to be able to submit their survey responses so that staff can see how the students responded and take in their feedback. Without this feature, the system would not work as the survey would exist but students could not submit their responses to the system for staff to see.
- Students won't be allowed to fill out survey once the deadline elapsed

**Size:** 3

**ID:** US16

**Name:** Submission of survey by guest who registered this survey

**User-Story Description:** As a guest, I want to be able to respond the survey I interested in

**Acceptance criteria:**

- Given a guest, when they have answered a survey, they then can submit their response which is received and stored by the system
- Given a guest, when they have submitted a response, they then see a notification that their response has been received
- Given a guest, when they have submitted a response, they are not allowed to submit a response again

**Priority of implementation:**

- 3
- Guests need to be able to submit their survey responses so that staff can see how the students responded and take in their feedback. Without this feature, the system would not work as the survey would exist but students could not submit their responses to the system for staff to see.
- Guests won't be allowed to fill out survey once the deadline elapsed

**Size:** 3

**ID:** US7

**Name:** Survey closure by admin

**User-Story Description:** As an admin, I want to be able to close the survey after the deadline.

**Acceptance criteria:**

- Given an admin member, when they go to the survey page, they can see the close button is not available if the deadline is not coming or they can press the close button after the deadline

**Priority of implementation:**

- 3
- The survey response may be more accurate if the admin closes the survey immediately after the deadline

**ID:** US9

**Name:** View of all Survey Responses for any particular class relevant to the staff

**User-Story Description:** As a staff member I should be able to see the results of the survey and analyses trends.

**Acceptance criteria:**

- Given a staff member, when they go to the summarised survey page, they then are presented with aggregate information in table and graph formats for each question of the survey
- Given a staff member, when they go to the summarised survey page, they then should not be able to identify the response of any individual student

**Priority of implementation:**

- 5
- This is a core feature as there is no information gain in having a survey if staff cannot see the student responses

**Size:** 8

**ID:** US10

**Name:** Question pool of survey questions

**User-Story Description:** As an admin member, I want to be able to see and add to the question pool of potential survey questions so that I can create surveys more efficiently

**Acceptance criteria:**

- Given an admin member, when they go to the question pool page, they then can view a list of questions in the question pool
- Given an admin member, when they go to the question pool page, they then can add or remove questions from the question pool
- Given an admin member, when they go to the survey creation page, they then can be suggested questions from the question pool

**Priority of implementation:**

- 8
- Nice for admin to be suggested potential questions as we foresee many surveys will have the same questions

**Size:** 3

## Epic Story 4 – Guests registration and authentication

**ID:** US16

**Name:** Guests registration

**User-Story Description:** As a guest member, I want to be able to register an account so that I can fill out one survey

**Acceptance criteria:**

- Given a guest member, when they click register button, they can setup their own login credentials then choose the course and offering they like.

**Priority of implementation:**

- 5
- Creating a account is a necessary step before complete the survey since guests' response are not important than student's response so that it is reasonable for system to restrict the number of surveys which guests can complete

**Size:** 3

**ID:** US17

**Name:** Authentication by admin for guests' registration

**User-Story Description:** As an admin member, I want to be able to active guests' accounts so that they can fill out surveys

**Acceptance criteria:**

- Given an admin member, when they go into homepage, they can see a list of guests' requests

**Priority of implementation:**

- 5
- It is important for admin to activate these guests account otherwise guests cannot complete surveys

**Size:** 3

## Walkthroughs

### **Walkthrough of system interaction by university staff:**

University staff member logs into the online survey system with their UNSW credentials. They then create a set of questions which form the survey that will be sent out to students. The university staff member can either save or publish their newly created survey. If they press save, the survey will be stored in the system under their account and can be accessed and edited in the future. At this point, the survey can be linked to a course code and offering and if they press publish, they get a link to their newly published survey which they can share to students. A confirmation popup appears to notify the staff of their successful saving or publishing of their survey form. The university staff logs out. Later the university staff can see a summary of all the responses to the survey by clicking on the details component of their earlier released survey and selecting the appropriate file (one per course offering for each survey).

### **Walkthrough of system interaction by student:**

A university student sees a link to the survey on the course forum page and they open it in their web browser. The university student signs in with their UNSW credentials and can see a link to the survey they have been asked to complete on their home screen dashboard. The student clicks on the link to accesses the survey form where they answer all the questions. When they are satisfied they press submit. A confirmation popup appears to notify the student of their successful submission. The university student logs out.