**Functional Requirement**

**Use Cases**

***UC1***: Setup Survey

***Primary Actor***: Administrator

***Precondition***: Administrator must be logged in

***Main Success Scenario:***

1. Enter name of the Survey
2. Enter description of the survey
3. Build/Reuse Survey
4. Set the Start and End date/time for the survey
5. Send Survey to everyone or a selected group

***Exception Scenario***:

1. Less than 50% of the survey is filled and survey time is over

* System should allow the administrator to extend date if necessary

***UC2***: View Course Survey

***Primary Actor***: Students

***Precondition***: Students must be logged in

***Main Success Scenario***:

1. See a list of Course take in the semester
2. See Progress bar of the surveys in the view
3. Enter desired course
4. Fill the survey
5. Save changes to survey
6. See Progress bar of current surveys
7. Submit survey when filled

***Exception Scenario:***

1. Student has dropped some courses before the survey start

* System shouldn’t display this course

1. Survey data can’t be changed after submission

* System should disable courses with submitted surveys.

***UC3:*** Notification

***Primary Actor***: System

***Precondition:*** Survey setup is complete

***Main Success Scenario:***

1. Send notification Email to students associated to the survey when it starts
2. At half way through and also some moment (12hours) before the end send notification to students on progress report
3. Send notification to student that are done with their survey

***Exception Scenario:***

1. When student have completed the survey

* System should only send notification to them immediately and once.

***UC4***: Progress Bar

***Primary Actor:*** Student, Administrator

***Precondition:*** Systems User are Logged in

***Main Success Scenario:***

1. Student should see the progress bar indicating how much he/she has filled on the courses
2. Administrator should be able to see percentage of completed survey per course
3. Administrator should be able to see an average of completion for all the course

***Exception Scenario:*** none

***UC5:*** Survey Analysis

***Primary Actor:*** Administrator

***Precondition:*** Survey End date has passed

***Main Success Scenario:***

1. View old and new survey record by term
2. Export any of the select survey in csv, json, xml, excel etc
3. View average of an indicator for a course by faculty
4. View average of an indicator for all courses by faculty
5. View average of an indicator for all student
6. View average of an indicator for all student in a particular school
7. View average of an indicator for a major in a course.
8. View average of an indicator for all course taken by a major
9. View some of the averages against each other
10. View averages of faculty against each other.
11. View averages of courses against each other.

***Exception Scenario:*** none

***UC6:*** Report

***Primary Actor:*** Faculty

***Precondition:*** Logged In

***Main Success Scenario:***

1. View average of an indicator for all his/her courses
2. View average of an indicator for a course he/she is taken
3. View average of an indicator for all course with the same name that the faculty Is taken
4. View average against each other

***Exception Scenario:*** none

***UC7:*** Quality assurance

***Primary Actor:*** System

***Precondition:*** After the survey is closed

***Main Success Scenario:***

1. All student with the same rate for all indicators should be remove from the data analysis and Export

***Exception Scenario:*** none

***UC8***: Compare Averages

***Primary Actor:*** Administrator, Faculty

***Precondition:*** Logged into the system

***Main Success Scenario***:

1. View different series of average against each other
2. Faculty compare differently view averages available to him/her
3. Administrator compare differently viewed averages available to him/her

***Exception Scenario***: none