
Use Cases

for

FGCU Complete

Version 1.0 approved

Prepared by Kaden Carr

Florida Gulf Coast University

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Use Case List

Primary Actor	Use Cases
Operator	Compose email letter
Operator	Select all students who qualify
Operator	Select student
Operator	Deselect student
Operator	Send email letter
Student	Open email letter

UC ID and Name:	SendEmail = 12543		
Created By:	Kaden Carr	Date Created:	3/15/2022
Primary Actor:	Operator	Secondary Actors:	None
Trigger:	Operator clicks “send email” button		
Description:	The send email button will help the client		
Preconditions:	1. Sender email entered. 2. Email recipient selected. 3. Letter is initialized		
Postconditions:	1. The email recipient receives the letter from the sender email		
Normal Flow:	12543. 0. Operator hits the button labeled send email. 12543. 1. Operator System sends email to selected students		
Alternative Flows:	No alternative flows		
Exceptions:	12543. E1. The operator does not enter the selected list of a student/ Dialogue appears that states “Select student first”. 12543. E2. The operator does not have a valid school emailed entered/ Dialogue appears that states “Enter valid Faculty email”		
Priority:	High		
Frequency of Use:	Once per launch		
Business Rules:	1-Send to student emails 2-Use a faculty email		
Other Information:	Quality Attribute #1:		
Assumptions:	Assumption #1: The user has access to a faculty email Assumption #2: The database is accessed to school Assumption #3: Student emails are entered correctly Assumption #4: Database is entered correctly		

UC ID and Name:	SelectAll = 12542
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Created By:	Kaden Carr	Date Created:	3/15/2022
Primary Actor:	Operator	Secondary Actors:	None
Trigger:	Operator clicks “Select All” button.		
Description:	The select all button selects all students who are in constraints of program.		
Preconditions:	1 Program qualifications specified. 2 Students not already selected.		
Postconditions:	Students are not selected already.		
Normal Flow:	12542. 0. Operator hits the button labeled “Select All”. 12542. 1. All selected students are contacted. 12543. 2. Dialog box appears that states “All students selected.”		
Alternative Flows:	No alternative flows		
Exceptions:	12542. E1. No students can be selected/ database not entered. 12542. E2. Constraints were not made.		
Priority:	High		
Frequency of Use:	Once per launch		
Business Rules:	Select students who fall into FGCU Complete constraints.		
Other Information:	Quality Attribute #1: Make sure to not select anyone outside of constraints. Quality Attribute #2: Select students who are in constraints.		
Assumptions:	Assumption #1: The user has access to a faculty email. Assumption #2: The database is accessed to school. Assumption #3: Student emails are entered correctly. Assumption #4: Database is entered correctly		

UC ID and Name:	SelectStudent = 12544		
Created By:	Kaden Carr	Date Created:	3/15/2022
Primary Actor:	Operator	Secondary Actors:	None
Trigger:	Operator clicks “Select Student” button with UIN number		
Description:	The “Select Student” button will individually select a student		
Preconditions:	A valid UIN number of the student is entered		
Postconditions:	The student selected will not be listed in the system		
Normal Flow:	12544. 0. Operator hits the button labeled select student with UIN entered in textbox 12544. 1. Textbox inside program clears 12544. 2. Dialog box returns “[student name] selected.”		
Alternative Flows:	No alternative flows		
Exceptions:	12544. E1. The UIN does not match a student/ Dialogue appears that states “UIN number does not match student in database”. 12544. E2. The operator selects an already selected student/ Dialogue appears that states “Student already selected”		
Priority:	High		
Frequency of Use:	Once per launch		
Business Rules:	1 Only Florida Gulf Coast University students can be selected		
Other Information:	Quality Attribute #1: Must be easily selectable		
Assumptions:	Assumption #1: The operator has access to a faculty email.		

	Assumption #2: The database is accessed to school. Assumption #3: Student emails are entered correctly. Assumption #4: Database is correctly connected.
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UC ID and Name:	DeselectStudent = 12541		
Created By:	Kaden Carr	Date Created:	3/15/2022
Primary Actor:	Operator	Secondary Actors:	None
Trigger:	Operator clicks “Deselect Student” button with UIN number		
Description:	The “Deselect Student” button will individually select a student		
Preconditions:	A valid UIN number of the student is entered		
Postconditions:	The student selected will not be delisted in the system		
Normal Flow:	12544. 0. Operator hits the button labeled deselect student with UIN entered in textbox while student was selected 12544. 1. Textbox inside program clears 12544. 2. Dialog box returns “[student name] deselected.”		
Alternative Flows:	No alternative flows		
Exceptions:	12544. E1. The UIN does not match a student/ Dialogue appears that states “UIN number does not match student selected in database”. 12544. E2. The operator tries to deselect a non-selected student/ Dialogue appears that states “Student currently not selected”		
Priority:	High		
Frequency of Use:	Occasions where a student is selected who is not supposed to receive the email		
Business Rules:	1 Only Florida Gulf Coast University students can be selected		
Other Information:	Quality Attribute #1: Must be easily deselected		
Assumptions:	Assumption #1: The operator has access to a faculty email. Assumption #2: The database is accessed to school. Assumption #3: Student emails are entered correctly. Assumption #4: Database is correctly connected.		

UC ID and Name:	SendEmails = 12540		
Created By:	Kaden Carr	Date Created:	3/15/2022
Primary Actor:	Operator	Secondary Actors:	None
Trigger:	Operator clicks “Send Emails” button with students selected		
Description:	The “Send Emails” button will send emails out to all students who qualify for the constraints or have been selected by the school from the faculty email entered in the system.		
Preconditions:	1 Students have been selected who have existing emails 2 The correct database was entered 3 The faculty member was entered by the operator		
Postconditions:	The students who were selected will receive an email		
Normal Flow:	12540. 0. Operator hits the button labeled “Send Emails”. 12540. 1. Emails are sent out to the students selected 12540. 2. Dialog box returns “Email sent to selected students.”		

Alternative Flows:	No alternative flows
Exceptions:	12544. E1. No students were selected/Dialog appears that states “No students were selected. Select a student and try again.” 12544. E2. A faculty member email is not entered/ Dialog appears that states “Faculty member email not in use. Enter a faculty email.”
Priority:	High/Essential
Frequency of Use:	Must be used at least once per operation.
Business Rules:	1 Only Florida Gulf Coast University students can be selected 2 Must send email through faculty email account
Other Information:	Quality Attribute #1: Must send all emails out to every student in list.
Assumptions:	Assumption #1: The operator has access to a faculty email. Assumption #2: The database is accessed to school. Assumption #3: Student emails are entered correctly. Assumption #4: Database is correctly connected.

UC ID and Name:	OpenEmail = 12545		
Created By:	Kaden Carr	Date Created:	3/15/2022
Primary Actor:	Student	Secondary Actors:	None
Trigger:	The student opens the email		
Description:	When the student opens the email, the program has successfully done its job		
Preconditions:	1 Sender email entered. 2 Email recipient selected. 3 Letter is initialized 4 Email is sent		
Postconditions:	The email recipient receives the letter from the sender email		
Normal Flow:	12545. 0. Program works correctly 12545. 1. Email can now be opened		
Alternative Flows:	No alternative flows		
Exceptions:	No exceptions		
Priority:	High		
Frequency of Use:	After program operation is successful		
Business Rules:	1-Send to student emails 2-Use a faculty email		
Other Information:	Quality Attribute #1: Email is sent successfully		
Assumptions:	Assumption #1: The student receives the email		

USE CASE DIAGRAM:

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