

Login	Use Story:	N/A	Test Designed by:	Nicholas Moffa			
	Description:	Allow to login if the username or password is correct. Not able to login if there incorrect	Test Designed date:	3/14/2023			
	Detail:	If username and password is correct it should move on to the next page. If incorrect wont be able to login	Test Executed by:	04/22/2023			
			Test Execution date:	4/17/2023			
Pre-condition	1.Have access to the internet 2.Login page should be displayed when going to the website						
Test Priority (High/Medium/Low)	High						
Test Case #	Test Summary	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
1	Going to the login screen website	Access the login screen	URL should work	When the url is inputed it should navigate to the login screen	The URL goes to the login page	Pass	
2	Enter a username and password	Should display username and password input	Username and password should be displayed	Once the username and password is inputed it should display what exactly the user typed out	The inbox worked for username and password and displayed what was typed	Pass	
3	Try to login with wrong username or password	Enter wrong username and password	The wrong username and password should be set	If the username and password is wrong it shouldnt let you log in	Not able to login with the wrong creditalis	Pass	
4	Display error message	When a username or password is incorrect an error message should be displayed	Input wrong username or password	An error message should be displayed if password or username is incorrect	An error message appeared when the password or username was incorrect	Pass	
5	Try to login with the username or password blank	With one of the inputs blank it should display a "fill out this field"	One of the inputs should be left blank	With one of the inputs blank it should display a "fill out this field" and not be able to login	A "fill out this field" showed up when tried to login with one of the fields blank	Pass	
6	Try to login with correct username and password	Enter the correct username and password	The correct username and password should be in the input before the "Login" function is clicked	Once the correct username and password is inputed click the "login" function and should take you to another page logged in as the user	The username and password worked and was able to login	Pass	

[illegible]

	Use Story:	N/A	Test Designed by:	Nicholas Moffa			
Forgot Password	Description:	If Faculty or GA forget password they should be able to reset it	Test Designed date:	4/6/2023			
	Detail:	If Faculty or GA forget password they should be able to click the "forgot password" link and it will give them a serious of steps to reset their password	Test Executed by:	04/10/2023			
			Test Execution date:	4/8/2023			
Pre-condition	1.Have access to the internet 2.Login page should be displayed when going to the website						
Test Priority (High/Medium/Low)	Medium						
Test Case #	Test Summary	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
9	Click "Forgot Password"	Clicking this should take the user to another page	Have an account that exist on the database	Link should take the user to another page to proceed with forgetting their password	Link takes user to another page to proceed with forgetting their password	Pass	
10	Entering wrong email address and hitting "submit"	If email address isn't in the database then it shouldn't let the user proceed	wrong email address	If the wrong email address is submitted then it shouldnt proceed the user to the next page	Wrong email address doesn't let the user proceed	Pass	
11	Entering the correct email address and hitting "submit"	If email address is in the database then it should let the user proceed	Having the correct email address in the database	If the correct email address is inputted then it should proceed into the next step of resetting there password	With the correct email address it proceeds to the next step	Pass	
12	Once user types in correct email user should get a temporary reset code through there email	Entering the correct email address	Having the correct email address	User should get an email with a temporary reset code through there email	User got an email with a reset code to advance to the next page	Pass	
13	If user inputs the wrong reset code it shouldnt move on	Input of the reset code has to be exact	Inputing the wrong reset code	Once the user inputs the wrong reset code it shouldnt allow the user to move on	The user isn't allowed to proceed when the wrong code is inputted	Pass	
14	If the user inputs the correct reset code it should allow them to proceed with changing the password	Inputing the correct reset code	Having the correct reset code	When the correct reset code is inputted it should allow the user to proceed with changing the password	When the correct reset code is inputted it moves onto the next step of changing the user password	Pass	
15	User should be able to input a new password	when user inputs a password it should appear as dots	Having a new password	When typing a password it should appear as dots	When the user inputs a new password the dots appear	Pass	
16	When user input two wrong passwords it shouldnt work	Inputing two wrong passwords	Two different passwords	Shouldn't allow the password to work if the passwords are different	Doesn't let the user proceed with two different passwords	Pass	
17	When input two of the same passwords it should work	Inputing the same passwords	Having two of the same passwords	Allow the password to change if the passwords match	Allows user to change password when entered	Pass	
18	After password is set click "submit" and it should take user to another page confirming the change	"Submit" function should change the password	Clicking the "submit" function	User should be sent to a new page saying that the password has been changed	User was sent to a new page saying that it was confirmed	Pass	

Manually Insert Student	Use Story:	N/A	Test Designed by:	Nicholas Moffa			
	Description:	Manually Insert Student	Test Designed date:	3/14/2023			
	Detail:	A faculty should be able to manually insert student incase they are not on the CSV file	Test Executed by:	04/22/2023			
			Test Execution date:	4/19/2023			
Pre-condition 1.Must have access to wifi to go on website 2.Must have a faculty login 3.Click on "Manually Insert Student" 4.Have the student information that you want to input							
Test Priority (High/Medium/Low) Medium							
Test Case #	Test Summary	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
19	Insert all the information	Should have a students information	Students information	Should have all the information filled out and be able to see all of it	All the items were displayed	Pass	
20	Click Submit	Submit function should be displayed	Submit function	Once the submit function is clicked should take you to a different page	After it was clicked it sent the user to a new webpage but could not go back to home page		
21	Should display message saying student was added	Should happen when the submit function is clicked	Message should be displayed	Message should display saying that the student was added	No message was shown		
22	Shouldnt let the user submit if first name, last name and email arent filled out	Leave the three fields blank	Leave those fields blank	Shouldnt be able to submit and move on to the next page if they arent filled out	It wouldnt be submitted if those three fields werent inputed	Pass	

SMART PARKING SYSTEM	Use Story:	N/A	Test Designed by:	Nicholas Moffa			
	Description:	Upload CSV	Test Designed date:	3/17/2023			
	Detail:	Upload CSV with all the students infromation	Test Executed by:	04/22/2023			
			Test Execution date:	4/19/2023			
Pre-condition	1.Must have access to wifi to go on website 2.Must have a faculty or GA login 3.Click on "Upload Students CSV" 4.Have a CSV to upload						
Test Priority (High/Medium/Low)	High						
Test Case #	Test Summary	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
23	Click choose a file	Clicking "Choose File"	Have a file CSV	Clicking "choose file" should allow user to choose a file they want to upload	When the function is clicked it allows the user to upload any file they want	Pass	
24	Upload to database	CSV file should transfer to database	Have a file CSV	Once the file is inputed it should upload all inforamation from the CSV	CSV file was uploaded	Pass	

Delete Student	Use Story:	N/A	Test Designed by:	Nicholas Moffa			
	Description:	Delete a student from the data	Test Designed date:	3/16/2023			
	Detail:	Delete a student from the data in case they don't want to get any more emails or change majors, etc...	Test Executed by:	4/23/23			
			Test Execution date	4/20/2023			
Pre-condition 1.Must have access to wifi to go on website 2.Must have a faculty login 3.Click on "Update a Student" 4.Have the student that you want to delete already searched							
Test Priority (High/Medium/Low) Medium							
Test Case #	Test Summary	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
25	Scroll all the way to the right and check mark the delete box	Make sure that the box can be checked to delete	Know what student to delete	When the delete box is checked it should have a check mark in the box	The delete box shows a check mark when clicked	Pass	
26	Click the Done function	Clicking the Done function should take you to a confirm function	Know what student to delete	When the done function is clicked it should move to the confirm function	The done function was clicked and it moved to the confirm function	Pass	
27	Clicking the confirm function should finish the steps of deleting a student	Clicking the confirm function should delete the student from the data	Know what student to delete	When the confirm function is clicked it should delete the student from the database	Student was deleted from the database	Pass	
28	Display message that the student was deleted	A message should appear once the confirm function is clicked	Know what student to delete	A message should be displayed saying that the student was deleted	A message saying that it was successful with a deletion of 1 was confirm	Pass	
29	Clicking the make changes function	Clicking the make changes function should cancel everything back to the student originally search	Know what student to delete	When the make changes function click it should cancel the deletion and go back to the search student	The make changes function was clicked and canceled the deletion and went back to the search student	Pass	

Search Function	Use Story:	N/A	Test Designed by:	Nicholas Moffa			
	Description:	Search for students on the CSV file	Test Designed date:	3/16/2023			
	Detail:	Should be able to search any student by first name, last name or email	Test Executed by:	04/232023			
			Test Execution date:	4/20/2023			
Pre-condition	1.Must have access to wifi to go on website 2.Must have a faculty login 3.Click on "Update a Student" 4.Have the student that you want to update already searched						
Test Priority (High/Medium/Low)	Medium						
Test Case #	Test Summary	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
30	Update a students active program	Update students active program to a different active program	Changing active program from MS.COMP to BS. INFO/ TECH	The students active program should display all the things that you can change it too	The active program showed all the things you can choose from	Pass	
31	Once you update the student it should make you confirm change	Confirmation should show up once you are done editing the active program	Have the update already done	Once the update is complete it should ask if you want to confirmation	Once the change was done it was asked to confirmation A message showing saying that it was successfully made	Pass	
32	Once confirm, a message should display saying that it was updated	Message showing up after confirm	Clicking the confirm button	A message should display saying that it was updated	The major 1 showed all the options they could choose from	Pass	
33	Update a students Major 1	Update the students major 1 to a different major	Change major 1 from computer information systems to cybersecurity	The students major 1 should display all the options there are to choose from		Pass	
34	Once you update the student it should make you confirm change	Confirmation should show up once they are done editing Major 1 program	Have the update already done	Once the update is complete should ask for confirmation	Once the change was done it ask for confirmation	Pass	
35	Once confirm, a message should display saying that it was updated	Message showing up after confirm	Clicking the confirm button	A message should display saying that it was updated	A message showing saying that it was successfully made	Pass	
36	Update a students Major 2	Update the students major 2 to a different major	Change major 2 from computer information systems to art hisotry	The students major 2 should display all the options there are to choose from	The major 2 showed all the options they could choose from	Pass	
37	Once updated the student it should make them confirm change	Confirmation should show up once they are done editing major 2	Have the update already done	Once the update is complete it should ask for confirmation	Once the change was done it ask for confirmation	Pass	
38	Once confirm, a message should display saying that it was updated	Message showing up after confirm	Clicking the confirm button	A message should display saying that it was updated	A message showing saying that it was successfully made	Pass	
39	Update a students Minor	Update a students minor to a different minor	Change minor from computer science to health	The students minor should display all the options there are to choose from	The minor showed all the options they could choose from	Pass	
40	Once updated the student it should make them confirm change	Confirmation should show up once they are done editing minor	Have the update already done	Once the update is complete it should ask for confirmation	Once the chanfe was done it ask for confirmation	Pass	
41	Once confirm, a message should display saying that it was updated	Message showing up after confirm	Clicking the confirm button	A message should display saying that it was updated	A message showing saying that it was successfully made	Pass	
42	Update a students class standing	Update a students class standing to a different one	Change class standing from FR to GA	The students class standing should display all the options there are to choose from	The class standing showed all the options they could choose from	Pass	
43	Once updated the student it should make them confirm change	Confirmation should show up once they are done editing class standing	Have the update already done	Once the update is complete it should ask for confirmation	Once the change was done it ask for confirmation	Pass	
44	Once confirm, a message should display saying that it was updated	Message showing up after confirm	Clicking the confirm button	A message should display saying that it was updated	A message showing saying that it was successfully made	Pass	
45	Click on the "Cancel edits and Refresh page" and it should do exactly that	Have a student with something that is about to get updated	Student getting updated	Should cancel all the current updates and refresh page	Everything was canceled and the page was refreshed	Pass	

Search Function	Use Story:	N/A	Test Designed by:	Nicholas Moffa			
	Description:	Search for students on the CSV file	Test Designed date:	3/16/2023			
	Detail:	Should be able to search any student by first name, last name or email	Test Executed by:	04/23/2023			
			Test Execution date:	4/21/2023			
Pre-condition	1.Must have access to wifi to go on website 2.Must have a faculty login 3.Click on "Update a Student"						
Test Priority (High/Medium/Low)	Medium						
Test Case #	Test Summary	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
46	Search a students first name on the CSV file	Input a students first name	Students first name	When a students first name is searched the outcome should be the students that was searched by the first name	When searched a student by first name they showed up	Pass	
47	Search a students last name on the CSV file	Input a students last name	Students last name	When a students last name is searched the outcome should be the student with that last name	When searched by last name the student showed up	Pass	
48	Search a students email on the CSV file	Input a students email	Students email	When a students email is searched it should show that person with the email	When searched by email the student showed up	Pass	

Sending Email	Use Story:	N/A	Test Designed by:	Nicholas Moffa			
	Description:	Faculty should be able to send emails to students	Test Designed date:	3/14/2023			
	Detail:	Faculty should be able to send emails to students with or without attachments	Test Executed by:	04/14/2023			
			Test Execution date:	4/12/2023			
Pre-condition 1.Must have access to wifi to go on website 2.Must have a faculty login 3.Click on "Compose Email" tab							
Test Priority (High/Medium/Low) High							
Test Case #	Test Summary	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
49	Clicking a curricula and class standing	Clicking the curricula and class standing should show a highlight after it was clicked	Know which curricula and class standing to click	The curricula and class standing that is clicked should be highlighted	There was a highlight over the curricula and class standing once it was clicked	Pass	
50	Insert a subject	Show the output of the subject	Have a subject line	Whatever the subject is type should be displayed in the subject line	The subject like displayed exactly what was type in the box	Pass	
51	Type message	Show the output of the message	Have a message	Message should be displayed in the message box and show the output of what is type	The message was displayed in the box	Pass	
52	Choose file	Upload a file to the email	A file that can be uploaded with the email	Once uploaded the file should be with the email	When the file was selected it showed that there was an attachment with the email	Pass	
53	Send email	clicking the submit email function should send out the email	clicking the send email function	Email should be sent when the send email function is clicked	The email was sent to the specific students	Pass	

Generate Statistics	Use Story:	N/A	Test Designed by:	Nicholas Moffa			
	Description:	When faculty is logged in they should be able to see the statistics	Test Designed date:	4/10/2023			
	Detail:	The faculty should be able to see the statistics to see how many people are interacting with the emails	Test Executed by:	04/23/2023			
			Test Execution date:	4/13/2023			
Pre-condition	1.Have access to the internet 2.Must have faculty login 3.Click "chart analysis"						
Test Priority (High/Medium/Low)	Medium						
Test Case #	Test Summary	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
54	Chart should be displayed	When on the chart analysis page a chart should be displayed of all the recent emails sent	Having faculty login	A chart should be displayed with all the recent emails sent	A chart was displayed with all the recent emails sent	Pass	
55	Hovering over a column should be highlighted	When user hover over a column it should highlight the whole role	Has to have emails already sent	A column should be highlighted when hovering over the chart	When user goes over the chart it highlights each column	Pass	
56	Clicking a column should show a graph	When user clicks a specific column a graph underneath it should appear	Clicking a email that was already sent	Graph should appear under the emails sent	Graph shows for each column clicked	Pass	
57	Graph should display total recipients, total open, total click the link	The graph should display how many people the email was sent to, how many people open the email and how many people clicked the link	Have an email that was already sent out	Graph should show how many people were sent the email, how people opened it and how many people clicked the link	The graph show the specific number amount of people the email was sent to, how many people opened it and how many clicked the link	Pass	
58	When a column is clicked should show when it was sent	Clicking a past email	Having an email that was already sent out	There should be a display saying when the email was sent	Shows when the email was sent	Pass	
59	Show the subject and body of the email	When clicking on an email it should show what the subject and message was to the email	Having an email that was already sent out	Email should display the subject and message	The email shows the subject and message	Pass	
60	Display who the email was sent too	When clicking on an email it should show what class the email was sent too with what major and minor	Having an email that was already sent out	Email should display the class and major and minor of who the email was sent too	Email displays what class was sent the email and what major and minor	Pass	
61	Clicking the "Go Back" function	Clicking this function should bring the user back to the email analysis page	Having an email that was already sent out	Should bring the user back to analysis page	Clicking the "Go Back" function brings the user back to the email analysis page	Pass	

Nav Bar	Use Story:	N/A	Test Designed by:	Nicholas Moffa			
	Description:	Should be able to go page to page using Nav Bar	Test Designed date:	4/6/2023			
	Detail:	The Faculty and GA should be able to use the Nav Bar to navigate through the website	Test Executed by:	04/23/2023			
			Test Execution date:	4/13/2023			
Pre-condition		1.Must have access to wifi 2.Must have a Faculty or GA login					
Test Priority (High/Medium/Low)		Medium					
Test Case #	Test Summary	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
62	Click Home function	Should send user to home page	Having a faculty or GA login	Clicking the home button should take the user back to the home page	Sends user to home page	Pass	
63	Click Email function then "compose and send"	Should send user to compose an email	Having a faculty login not a GA	Should send the user to compose an email page	Sends user to compose an email page	Pass	
64	Click emails function then "Analysis"	Should send user to analysis page	Having a faculty login not a GA	Should send the user to analysis page	Sends the user to analysis page	Pass	
65	Click Modify data then "Manually Insert Student"	Should send user to manually insert student page	Having a faculty login not a GA	Should send the user to insert a students page	Sends user to insert a students page	Pass	
66	Click Modify data then "Update Student Information"	Send user to update student information page	Having a faculty login not a GA	Should send the user to Update student information page	Sends user to update student information page	Pass	
67	Click Modify data then "Upload Students CSV"	Send user to upload students csv page	Having a faculty login not a GA	Should send the user to upload students CSV page	Sends user to upload students CSV page	Pass	

Receiving Email	Use Story:	N/A	Test Designed by:	Nicholas Moffa			
	Description:	Students should be able to receive emails	Test Designed date:	4/6/2023			
	Detail:	Students should be able to receive and interact with the emails that are getting sent to them	Test Executed by:	04/23/2023			
			Test Execution date:	4/14/2023			
Pre-condition							
1.Must have access to wifi 2.Must be logged into the correct email							
Test Priority (High/Medium/Low)							
High							
Test Case #	Test Summary	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
68	Receive email	Should be logged into an email that is on the email list	Having an email account	A new email should pop up in your inbox	Was able to receive the email	Pass	
69	Opening the email	Should be able to open the email	Having an email account	When the new email is displayed in the inbox user should be able to open it by clicking on the email	Was able to open the email	Pass	
70	Interact with the email	When the email is open the user should be able to click the links or interact with the email	Having an email account	Allow the user to interact with the email as in click the links and be able to see the attachments	Was able to see the pictures and click the links	Pass	

Receiving Email	Use Story:	N/A	Test Designed by:	Nicholas Moffa			
	Description:	Faculty should be able to create a new user	Test Designed date:	4/30/2023			
	Detail:	Faculty should be able to create a new faculty or new GA user	Test Executed by:	05/08/2023			
			Test Execution date:	5/2/2023			
Pre-condition 1.Must have access to wifi 2.Must be logged into a faculty account							
Test Priority (High/Medium/Low) Medium							
Test Case #	Test Summary	Test Steps	Test Data	Expected Result	Actual Result	Status (Pass/Fail)	Notes
71	Click "Create New User"	Clicking "Create New User" should send the user to a different page	Having a faculty account	When this function is clicked it should take the user to another page	When this function was clicked it took the user to another page	Pass	
72	Input showing	When typing the output should be displayed	Having an account that the user wants to create	Whatever is inputted should be displayed	The input was displayed on the screen	Pass	
73	Switching from faculty to GA	Should be able to select if the user is faculty or GA	Having an account that the user wants to create	Should be able to pick faculty or GA	User was able to pick faculty or GA	Pass	
74	Submitting with a row blank	Shouldnt allow submit if a row is blank	Leaving a row blank	Shouldn't submit if a column is blank	The submit function doesnt work if column is blank	pass	
75	Passwords match	The password have to match or it shouldnt let the user submit	Different passwords	Shouldnt submit if passwords are different	The submit function doesnt work if passwords are different	Pass	
76	User exist	If the user adds someone already in the system it should allow them to resubmit them	Input a user that already exist	Shouldnt allow it to add an existing user	When the submit function is clicked an error shows on new page saying that this user already exist	Pass	
77	Clicking the submit function	When everything is filled out correctly the submit function should work	Having an account that the user wants to create	Should add the user to database when the submit function is clicked	User was added to database	Pass	
78	Message should appear that user was added	After the submit function is clicked it should take the user to a new page saying that the user was created	Having an account that the user wants to create	Should display a message saying that the user was added	A message was displayed after the user was added	Pass	