

✓TC1 RegisterToSystemFail

No. of test case: TC1

Name of the test case: RegisterToSystemFail

Test case description: To test whether the user can register to the system with invialid data or without filling the required information or not

Pre Condition: -

Test Browser: Chrome

Step No.	Action	Test Value	Expected Result	Actual Result	Test Status (Pass/Fail)
1	Navigate to the login page (first page of the website)	-	The login page should be shown	The login page is shown	Pass
2	Click the Registration link	-	The registration page should be shown	The registration page is shown	Pass
3	Enter the invalid email address	John123.com	The input email address should be shown in the input field	" John@123.com " is shown in the input field	Pass
4	Enter the invalid NID	123456789	The input NID should be shown in the input field	"123456789" is shown in the input field	Pass
5	Enter the invalid phone number	09123456789	The input phone number should be shown in the input field	"09123456789" is shown in the input field	Pass
6	Enter the invalid emergency contact	065783772a	The input emergency contact	"065783772a" is shown in the	Pass

			should be shown in the input field	input field	
7	Leave the rest as default and click the Register button	-	The error message should show that the users have to fill in the first name	The error message shows that the users have to fill in the first name	Pass
			The error message should show that the users have to fill in the last name	The error message shows that the users have to fill in the last name	Pass
			The error message should show that the email address is in the wrong format	The error message shows that the email address is in the wrong format	Pass
			The error message should show that the users have to fill in the password	The error message shows that the users have to fill in the password	Pass
			The error message should show that the users have to select the date of birth	The error message shows that the users have to select the date of birth	Pass
			The error message should show that the users have to	The error message shows that the users	Pass

			select the gender	have to select the gender	
			The error message should show that the users have to select the blood type	The error message shows that the users have to select the blood type	Pass
			The error message should show that the NID is in the wrong format	The error message shows that the NID is in the wrong format	Pass
			The error message should show that the phone number is in the wrong format	The error message shows that the phone number is in the wrong format	Pass
			The error message should show that the emergency contact is in the wrong format	The error message shows that the emergency contact is in the wrong format	Pass
			The error message should show that the users have to fill in the address	The error message shows that the users have to fill in the address	Pass

✓TC2 RegisterToSystemSuccess

No. of test case: TC2

Name of the test case: RegisterToSystemSuccess

Test case description: To test whether the user can register to the system with all the valid data or not

Pre Condition: -

Test Browser: Chrome

Step No.	Action	Test Value	Expected Result	Actual Result	Test Status (Pass/Fail)
1	Navigate to the login page (first page of the website)	-	The login page should be shown	The login page is shown	Pass
2	Click the Registration link	-	The registration page should be shown	The registration page is shown	Pass
3	Enter the first name	John	The input first name should be shown in the input field	"John" is shown in the input field	Pass
4	Enter the last name	Doe	The input last name should be shown in the input field	"Doe" is shown in the input field	Pass
5	Enter the valid email address	John.doe@gmail.com	The input email address should be shown in the input field	"John.doe@gmail.com" is shown in the input field	Pass
6	Enter the password	CuttiesJohn	The input password should be shown as dots in the input field	dots are shown in the input field	Pass

7	Select the date of birth	11/11/1987	The input date of birth should be shown in the input field	"11/11/1987" is shown in the input field	Pass
8	Select gender	Male	The input gender should be shown in the input field	"Male" is shown in the input field	Pass
9	Select blood type	A	The input blood type should be shown in the input field	"A" is shown in the input field	Pass
10	Enter the valid NID	1588699935674	The input NID should be shown in the input field	"1588699935674" is shown in the input field	Pass
11	Enter the valid phone number	0978345527	The input phone number should be shown in the input field	"0978345527" is shown in the input field	Pass
12	Enter the emergency contact	0657837724	The input emergency contact should be shown in the input field	"0657837724" is shown in the input field	Pass
13	Enter the address	London, England	The input address should be shown in the input field	"London, England" is shown in the input field	Pass
14	Click the Register button		Successfully register to the system and	The homepage is shown and the data is saved to	Pass

			navigate to the homepage	the database	
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✓TC3 LoginFail

No. of test case: TC3

Name of the test case: LoginFail

Test case description: To test whether the user can log in to the system with an invalid username or password or not

Pre Condition: Valid email and password

Test Browser: Chrome

Step No.	Action	Test Value	Expected Result	Actual Result	Test Status (Pass/Fail)
1	Navigate to the login page	-	The login page should be shown	The login page is shown	Pass
2.1	Enter the valid username and invalid password, then click the login button	Username: John.doe@gmail.com Password: 123	Unsuccessfully login	Unsuccessfully login	Pass
2.2	Enter the invalid username and valid password, then click the login button	Username: John123.com Password: CuttiesJohn	Unsuccessfully login	Unsuccessfully login	Pass
2.3	Enter the invalid username and invalid password, then click the login button	Username: John123.com Password: 123	Unsuccessfully login	Unsuccessfully login	Pass
2.4	Leave both username and password blank, then click the login button	Username: Password:	Unsuccessfully login	Unsuccessfully login	Pass

✓TC4 LoginSuccess

No. of test case: TC4

Name of the test case: LoginSuccess

Test case description: To test whether the user can log in to the system with a valid username and password or not

Pre Condition: Valid email and password

Test Browser: Chrome

Step No.	Action	Test Value	Expected Result	Actual Result	Test Status (Pass/Fail)
1	Navigate to the login page	-	The login page should be shown	The login page is shown	Pass
2	Enter the valid username and valid password, then click the login button	Username: John.doe@gmail.com Password: CuttiesJohn	Successfully login and navigate to the homepage	Successfully login and the homepage is shown	Pass

✓TC5 ViewTheUpdatedDonatedOrganAndTheUpdatedNeededOrgan

No. of test case: TC5

Name of the test case: ViewTheUpdatedDonatedOrganAndTheUpdatedNeededOrgan

Test case description: To test whether the user can view the number of updated donated case for total on the homepage and number of required organ on the information detail page or not

Pre Condition: Successfully login to the system

Test Browser: Chrome

Step No.	Action	Test Value	Expected Result	Actual Result	Test Status (Pass/Fail)
1	Navigate to the login page	Username: John.doe@gmail.com Password: CuttiesJohn	Successfully login to the system and the homepage should be shown	Successfully login to the system and the homepage is shown	Pass
2	Observe the number of the donated organ that the user want to donate (In this case, Lung)	-	The number of the donated organ should be shown on the homepage	The number of the donated organ is being shown on the homepage	Pass
3	Click the donation info. button	-	The donation information page should be shown	The donation information page is shown successfully	Pass
4	Enter the organ name as a keyword to search for the information (In this case, Lung)	Lung	The list of the information related to the lung should be shown	The list of the information related to the lung is shown	Pass
5	Click the result	-	The page showing the	The page showing the	Pass

			article that is being selected should be shown with the number of the needed organ	article that is being selected is shown with the number of the needed organ	
6	Click the “Click here” link to register the organ	-	The Organ Donation Registration page should be shown	The Organ Donation Registration page is shown	Pass
7	Fill in the answer to the allergy question	Peanut	The allergy answer should be shown in the input field	“Peanut” is shown in the input field	Pass
8	Fill in the answer to the medication question	No	The medication answer should be shown in the input field	“No” is shown in the input field	Pass
9	Fill in the answer to the medical condition question	No	The medical condition answer should be shown in the input field	“No” is shown in the input field	Pass
10	Select the organ to donate	Lung	The chosen organ should be shown as check marked	“Lung” is shown as check marked	Pass
11	Select the purpose of the donation	Medical Transplant	The chosen Medical Transplant should be shown as check marked	“Medical Transplant” is shown as check marked	Pass
12	Press agree to the acknowledgement and terms	Agree	The acknowledgement and terms should be marked	The acknowledgement and terms are shown as check marked	Pass
13	Click submit button	-	Successfully submit the form and navigate to	The homepage page is shown	Pass

			the homepage		
14	Observer the number of the donated organ (In this case, Lung)	-	The number of the donated case should be increased by 1	The number of the donated case is be increased by 1	Pass
15	Click the donation info. button	-	The donation information page should be shown	The donation information page is shown successfully	Pass
16	Enter the organ name as a keyword o search for the information	Lung	The list of the information related to the lung should be shown	The list of the information related to the lung is shown	Pass
17	Click the result	-	The page showing the article that is being selected should be shown with the number of the needed organ	The page showing the article that is being selected is shown with the number of the needed organ is decreased by 1	Pass

✓TC6 SearchDonationInfo

No. of test case: TC6

Name of the test case: SearchDonationInfo

Test case description: To test whether the result from searching by the keywords is correct or not

Pre Condition: Successfully login to the system

Test Browser: Chrome

Step No.	Action	Test Value	Expected Result	Actual Result	Test Status (Pass/Fail)
1	Navigate to the login page	Username: John.doe@gmail.com Password: CuttiesJohn	Successfully login to the system and the homepage should be shown	Successfully login to the system and the homepage is shown	Pass
2	Click the donation info. button	-	The donation information page should be shown	The donation information page is shown successfully	Pass
3.1	Enter the organ name as a keyword	Heart	The list of the information related to the heart should be shown	The list of the information related to the heart is shown	Pass
3.2	Enter the organization name as a keyword	Siriraj	The list of the information related to the Siriraj hospital should be shown	The list of the information related to the Siriraj hospital is shown	Pass
3.3	Enter the general donation information as a keyword	General Info.	The list of the general donation information should be shown	The list of the general donation information is shown	Pass

✓TC7 ViewDonationInfo

No. of test case: TC7

Name of the test case: ViewDonationInfo

Test case description: To test whether the donation information could be reached and viewed or not

Pre Condition: Successfully login to the system

Test Browser: Chrome

Step No.	Action	Test Value	Expected Result	Actual Result	Test Status (Pass/Fail)
1	Navigate to the login page	Username: John.doe@gmail.com Password: CuttiesJohn	Successfully login to the system and the homepage should be shown	Successfully login to the system and the homepage is shown	Pass
2	Click the donation info. button	-	The donation information page should be shown	The donation information page is shown	Pass
3.1	Enter the organ name as a keyword to search for the information	Heart	The list of the information related to the heart should be shown	The list of the information related to the heart is shown	Pass
3.2	Click one of the results in the list	-	The page showing the article that is being selected should be shown	The page showing the article that is being selected is shown	Pass
4.1	Enter the organization name as a keyword to search for the information	Siriraj	The list of the information related to Siriraj hospital should be shown	The list of the information related to Siriraj hospital is shown	Pass
4.2	Click one of the	-	The page showing the	The page showing the	Pass

	results in the list		article that is being selected is shown	article that is being selected is shown	
5.1	Enter the "General Info" as a keyword to search for the information	General Info.	The list of the information related to general information should be shown	The list of the information related to general information is shown	Pass
5.2	Click one of the results in the list	-	The page showing the article that is being selected is shown	The page showing the article that is being selected is shown	Pass

✓TC8 RegisterOrganDonationFail

No. of test case: TC8

Name of the test case: RegisterOrganDonationFail

Test case description: To test whether the user can register the organ donation without filling in any information or not

Pre Condition: Successfully login to the system

Test Browser: Chrome

Step No.	Action	Test Value	Expected Result	Actual Result	Test Status (Pass/Fail)
1	Navigate to the login page	Username: John.doe@gmail.com Password: CuttiesJohn	Successfully login to the system and the homepage should be shown	Successfully login to the system and the homepage is shown	Pass
2	Click the Organ Donation Registration button	-	The Organ Donation Registration page should be shown	The Organ Donation Registration page is shown	Pass
3	Click submit button	-	The error message should show that the users have to answer the allergy question	The error message is shown that the users have to answer the allergy question	Pass
			The error message should show that the users have to answer the medication question	The error message is shown that the users have to answer the medication	Pass

				question	
			The error message should show that the users have to answer the medical condition question	The error message is shown that the users have to answer the medical condition question	Pass
			The error message should show that the users have to select the organ that they need to donate	The error message is shown that the users have to select the organ that they need to donate	Pass
			The error message should show that the users have to select the purpose of the donation	The error message is shown that the users have to select the purpose of the donation	Pass
			The error message should show that the users have to agree with the acknowledgment and terms	The error message is shown that the users have to agree with the acknowledgment and terms	Pass

✓TC9 RegisterOrganDonationSuccess

No. of test case: TC9

Name of the test case: RegisterOrganDonationSuccess

Test case description: To test whether the user can register the organ donation with all the valid data or not

Pre Condition: Successfully login to the system

Test Browser: Chrome

Step No.	Action	Test Value	Expected Result	Actual Result	Test Status (Pass/Fail)
1	Navigate to the login page	Username: John.doe@gmail.com Password: CuttiesJohn	Successfully login to the system and the homepage should be shown	Successfully login to the system and the homepage is shown	Pass
2	Click the Organ Donation Registration button	-	The Organ Donation Registration page should be shown	The Organ Donation Registration page is shown	Pass
3	Fill in the answer to the allergy question	Eggs, Shrimp	The allergy answer should be shown in the input field	"Eggs, Shrimp" is shown in the input field	Pass
4	Fill in the answer to the medication question	Clarityne	The medication answer should be shown in the input field	"Clarityne" is shown in the input field	Pass
5	Fill in the answer to the medical condition question	Diabetes	The medical condition answer should be shown in the input field	"Diabetes" is shown in the input field	Pass
6	Select the organ to donate	Lung, Liver	The chosen organ should be shown as check marked	"Lung and Liver" are shown as check marked	Pass

7	Select the purpose of the donation	Medical Transplant	The chosen Medical Transplant should be shown as check marked	"Medical Transplant" is shown as check marked	Pass
8	Press agree to the acknowledgement and terms	Agree	The acknowledgement and terms should be marked	The acknowledgement and terms are shown as check marked	Pass
9	Click submit button	-	Successfully submit the form and navigate to the homepage	The homepage page is shown and the data is saved to the database	Pass

✓TC10 RegisterBloodDonationFail

No. of test case: TC10

Name of the test case: RegisterBloodDonationFail

Test case description: To test whether the user can register the blood donation without filling any data or not

Pre Condition: Successfully login to the system

Test Browser: Chrome

Step No.	Action	Test Value	Expected Result	Actual Result	Test Status (Pass/Fail)
1	Navigate to the login page	Username: John.doe@gmail.com Password: CuttiesJohn	Successfully login to the system and the homepage should be shown	Successfully login to the system and the homepage is shown	Pass
2	Click the Blood Donation Registration button	-	The blood donation form page should be shown	The blood donation form page is shown	Pass
3	Click submit button	-	The error message should show that the users have to select what they want to donate	The error message is shown that the users have to select what they want to donate	Pass
			The error message should show that the users have to select the date that they want to schedule	The error message is shown that the users have to select the date that they want to schedule	Pass
			The error message should show that the	The error message is shown that the	Pass

			users have to select the place that they want to schedule	users have to select the place that they want to schedule	
			The error message should show that the users have to agree to the acknowledgement and terms	The error message is shown that the users have to agree to the acknowledgement and terms	Pass

✓ TC11 RegisterBloodDonationSuccess

No. of test case: TC11

Name of the test case: RegisterBloodDonationSuccess

Test case description: To test whether the user can register the blood donation with the valid data or not

Pre Condition: Successfully login to the system

Test Browser: Chrome

Step No.	Action	Test Value	Expected Result	Actual Result	Test Status (Pass/Fail)
1	Navigate to the login page	Username: John.doe@gmail.com Password: CuttiesJohn	Successfully login to the system and the homepage should be shown	Successfully login to the system and the homepage is shown	Pass
2	Click the Blood Donation Registration button	-	The blood donation form page should be shown	The blood donation form page is shown	Pass
3	Select what to donate	Plasma, Red blood cell	What the user select should be shown as check marked	"Plasma and Red blood cell" are shown as check marked	Pass
4	Select the donation date that wants to schedule	15/11/2021	The input donation date should be shown in the input field	"15/11/2021" is shown in the input field	Pass
5	Select the donation place that wants to schedule	Siriraj Hospital	The input donation place should be shown in the input field	"Siriraj HospitalSiriraj Hospital" is shown in the input field	Pass

6	Press agree to the acknowledgement and terms	Agree	The acknowledgement and terms should be shown as check marked	The acknowledgement and terms are shown as check marked	Pass
7	Click submit button	-	successfully submit the form and navigate to the homepage	The homepage is shown and the data is saved to the database	Pass

✓ TC12 UpdatePersonalInfoFail

No. of test case: TC12

Name of the test case: UpdatePersonalInfo

Test case description: To test whether the user can update the password if the input current password is incorrect

Pre Condition: Successfully login to the system

Test Browser: Chrome

Step No.	Action	Test Value	Expected Result	Actual Result	Test Status (Pass/Fail)
1	Navigate to the login page	Username: John.doe@gmail.com Password: CuttiesJohn	Successfully login to the system and the homepage should be shown	Successfully login to the system and the homepage is shown	Pass
2	Click the Update Personal Information button	-	The Update Personal Information page should be shown	The Update Personal Information page is shown	Pass
3	Update the password with the wrong current password	Current password: JohnJ New password: HandsomeJohn Confirm new password: HandsomeJohn	The current password, new password, and the confirmed new password should be shown in the input field	The current password, new password, and the confirmed new password is shown in the input field	Pass
4	Fill in other fields that the user don't want to change with the original data	Address: London, England Phone number: 0978345527 Emergency number: 0657837724	The address, phone number, and emergency number should be shown in the input field	The address, phone number, and emergency number is shown in the input field	Pass
5	Click Save all button	-	The error message should show that the	The error message shows that the users	Pass

			users input the wrong current password	input the wrong current password	
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✓ TC13 UpdatePersonalInfoSuccess

No. of test case: TC13

Name of the test case: UpdatePersonalInfo

Test case description: To test whether the user can update their personal information with valid data or not

Pre Condition: Successfully login to the system

Test Browser: Chrome

Step No.	Action	Test Value	Expected Result	Actual Result	Test Status (Pass/Fail)
1	Navigate to the login page	Username: John.doe@gmail.com Password: CuttiesJohn	Successfully login to the system and the homepage should be shown	Successfully login to the system and the homepage is shown	Pass
2	Click the Update Personal Information button	-	The Update Personal Information page should be shown	The Update Personal Information page is shown	Pass
3	Update the address	Bangkok, Thailand	The changed address should be shown in the input field	The changed address is shown in the input field	Pass
4	Update the phone number	0853475596	The changed phone number should be shown in the input field	The changed phone number is shown in the input field	Pass
5	Update the emergency number	0962245861	The changed emergency number should be shown in the input field	The changed emergency number is shown in the input field	Pass
6	Update the password	Current password: CuttiesJohn New password:	The current password, new password, and confirmed new	The current password, new password, and the confirmed new	Pass

		HandsomeJohn Confirm new password: HandsomeJohn	password should be shown in the input field	password is shown in the input field	
7	Click Save all button	-	successfully submit the form and navigate to the homepage	successfully submit the form, the data is saved to the database, and navigate to the homepage	Pass

✓ TC14 ViewTheVisualCard

No. of test case: TC14

Name of the test case: ViewTheVisualCard

Test case description: To test whether the visual card could be reached and viewed or not

Pre Condition: Successfully login to the system

Test Browser: Chrome

Step No.	Action	Test Value	Expected Result	Actual Result	Test Status (Pass/Fail)
1	Navigate to the login page	Username: John.doe@gmail.com Password: CuttiesJohn	Successfully login to the system and the homepage should be shown	Successfully login to the system and the homepage is shown	Pass
2	Click the visual card button	-	The visual card should be shown with the correct information of the login user	The visual card is shown with the correct information of the login user	Pass