

UE21CS341A - Software Engineering
Test Plan Documentation

Charity and Online Donation

Team #09

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Sample Test Case:

Test Case ID	Name of Module	Test Case Description	Pre-conditions	Test Steps	Test Data	Expected Results	Actual Results	Test Result
UT-01	Donee Home page	Verify the functionality of displaying needy status and history on the home page.	HomePage Controller instance is created.	1. Call the displayNeedy Status function on the home page. 2. Call the display Donation History function on the home page.	No specific input required for displaying needy status and history.	Needy status is retrieved and displayed on the home page. 2. Donation history is retrieved and displayed on the home page.	Display the status and history	Pass

UT-02	Donation Form Processor	Verify the processing of donation requests.	Donation Form Processor instance is created.	1. Call the process Donation Form function with a sample donation request containing name, email, and request information.	Name: John Doe - Email: john.doe@example.com - Request: Monetary donation for disaster relief.	The donation request is processed successfully. - The system acknowledges the donation and updates the appropriate records.	Request successful	Pass
UT-03	User Registration Module	To verify that users can successfully create an account on the online donation and charity website.	To verify that users can successfully create an account on the online donation and charity website.	To verify that users can successfully create an account on the online donation and charity website.	Name: John Doe - Email: john@example.com - Password: pass123	Account created successfully message should be displayed.	Account created successfully message is displayed	Pass
UT-04	User Authentication Module	To verify that users can log in and log out successfully.	Created user account	1. Navigate to the website login page. 2. Enter valid login credentials. 3. Click on the "Login" button. 4. Verify successful login message.	Username: john@example.com - Password: pass123	Successful login and log out messages should be displayed.	Successful login and log out messages are displayed.	Pass

				5. Click on the "Log Out" button. 6. Verify successful log out message.				
UT-05	Donation Module	To verify that users can donate to charities through the website.	Logged in user account	1. Navigate to the donation page. 2. Select a charity. 3. Enter the donation amount. 4. Click on the "Donate" button. 5. Verify the donation confirmation message.	Charity: Red Cross - Donation Amount: \$50	Donation confirmation message should be displayed.	Donation confirmation message is displayed.	Pass
UT-06	Donation Tracking Module	To verify that users can track their donation history on the website.	Previous successful donation	1. Navigate to the user's donation history page. 2. Verify that the list of previous donations is displayed.	N/A	List of previous donations should be displayed.	List of previous donations is displayed.	Pass

UT-07	Payment Processing Module	To verify that the payment process is secure and user information is protected.	Donation process initiated	1. Enter payment details (Credit card, PayPal, etc.). 2. Click on the "Submit Payment" button. 3. Verify the payment confirmation message.	Credit Card: 1234-5678-9101-1121 - Expiry Date: 12/24 - CVV: 123	Payment confirmation message should be displayed.	Payment confirmation message is displayed	Pass
UT-08	DonorForm	Verify the processing of donor information and donation submission.	DonorFormProcessor instance is created.	1. Call the processDonorForm() function with valid donor information (name, email, and donation amount). 2. Check if the form submission is processed successfully.	- Name: Jane Smith - Email: jane.smith@example.com - Donation Amount: RS 50.00	The donor information and donation amount are processed successfully. - The system acknowledges the donation and updates the donor records.	Submit successful	Pass