



PES UNIVERSITY, BANGALORE

Department of Computer Science and Engineering

B. Tech (CSE) – 5th Semester – Aug-Dec 2023

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**UE21CS341A - Software Engineering**

**Test Plan Documentation**

*Child Adoption Management System*

Team #:   T\_2  

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Formatting Guidelines : Submit in pdf format

Naming convention : **TestDoc SRN1-SRN2-SRN3-SRN4** (Write SRNs in ascending order)

**Instructions:**

1: Prepare at least 8-10 test cases for each implemented use case (functional requirements) as per the below given template which should include Unit, Integration and System Test cases.

2: Carry out manual testing for all the test cases and populate the columns Actual Result and Test Result.

**Template of a Test case:**

Test Case ID	Name of Module	Test Case Description	Pre-conditions	Test Steps	Test Data	Expected Results	Actual Results	Test Result

- Test Case ID : Each test case should be represented by a unique ID. To indicate test types, follow some convention like "UT\_01" indicating "Unit Testing - Test Case#1."
- Name of the module : Specify the name of the main module or submodule being tested
- Test Case Description : Specify the summary or test purpose in brief
- Pre- Conditions : Any requirement that needs to be done before execution of this test case.
- Test Steps : Mention all the steps in detail and specify the order in which it is to be executed.
- Test Data : Input for the test case to be executed. Specify different data sets with precise values to be used as input. (create test case for both valid and invalid inputs)
- Expected Results : Mention the expected results including error or precise messages that should be displayed on screen
- Actual Results : After execution of test case fill this column with the result obtained
- Test Result (Pass/Fail) : Mark this field as "fail" if the actual result is not same as expected result else mark as "pass".

**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	User Login Module	To test the login functionality	Access to Chrome Browser	1: Navigate to <a href="http://www.demo.com">http://www.demo.com</a> 2: Enter Username and Password 3: Click Submit	User name: 4222 4222 4222 Password : sameer ss	Login should be successful with "welcome message"	Login successful with "welcome message" displayed	Pass
UT - 02	User Login Module	To test the login	Access to Chrome	1: Navigate to	User name:	Login should be	Login unsuccessful	Pass

		functionality	Browser	http://www.demo.com 2: Enter Username and Password 3: Click Submit	User Name: 4222 4222 4222 Password : sameer ss	unsuccessful with message: Enter username in AADHAR Format	ul with message: Enter username in AADHAR Format	
UT-03	User Login Module	To test the login functionality	Access to Chrome Browser	1: Navigate to http://www.demo.com 2: Enter Username and Password 3: Click Submit	User Name: 4222 4222 4222 Password : sameer	Login should be unsuccessful with message: Invalid password	Login unsuccessful with message: Invalid password	Pass
UT-04	User Login Module	To test the login functionality	Access to Chrome Browser	1: Navigate to http://www.demo.com 2: Enter Username and Password 3: Click Submit	User Name: 2344 2444 2444 Password: sameer ss	Login should be unsuccessful with message: User does not exist please register	Login unsuccessful with message: User does not exist please register	Pass
UT-05	Application for Adoption module	To test the application functionality	Access to Web Browser Must be registered as a parent already and should not have previously applied for	1: Click on Apply Now button on home page 2: Enter unique ID, age, sex of the child and choose an option	ID: 4873 9821 7456 Sex: F Age: 3 Genetic disorder: No	Application should be saved successfully with the message "Success"	Application should be saved successfully with the message "Success"	Pass

			adoption	for genetic disorders 3: Click Save				
UT-06	Application for Adoption module	To test the application functionality	Access to Web Browser Must be registered as a parent already and has previously applied for adoption	1: Click on Apply Now button on home page 2: Enter unique ID, age, sex of the child and choose an option for genetic disorders 3: Click Save	ID: 4873 9821 7456 Sex: F Age: 3 Genetic disorder: No	Application will not be considered and raises an error message	Application will not be considered and raises an error message	Pass
UT-07	Application for Adoption module	To test the application functionality	Access to Web Browser User is not registered yet	1: Click on Apply Now button on home page 2: Enter unique ID, age, sex of the child and choose an option for genetic disorders 3: Click Save	ID: 3677 9834 6015 Sex: F Age: 3 Genetic disorder: Yes	Application will not be considered and raises an error message	Application will not be considered and raises an error message	Pass
UT-08	Application for Adoption module	To test the application functionality	Access to Web Browser Must be registered as a parent already and should not	1: Click on Apply Now button on home page 2. Fills in incomplete details	ID: 4873 9821 74 Sex: F	User will be asked to fill in all the required details completely	User will be asked to fill in all the required details completely	Pass

			have previously applied for adoption	3: Click Save				
UT-09	Giving up a child module	To test the give up functionality	Access to Web Browser	1. Click on the 'Want to give up a child for adoption' link 2. Fill in the relevant details 3. Click on save		This should update the database successfully and display "Success" message	This should update the database successfully and display "Success" message	Pass
UT-10	Profile module	To check the mapping functionality	Access to Web Browser Must be logged in as a parent who has already applied for adoption And their preferences match	1. Click on the Profile option in the navbar 2. View details		Display the relevant matching child details based on the preferences mentioned during application	Display the relevant matching child details based on the preferences mentioned during application	Pass
UT-11	Profile module	To check the mapping functionality	Access to Web Browser Must be logged in as a parent who has already applied for adoption And their preferences do not match	1. Click on the Profile option in the navbar 2. View details		Display "No matches yet" message	Display "No matches yet" message	Pass
UT-09								
UT-12	User Registration	To check User	Access to web browser for	1: Navigate to	User ID:	Registration and login	Registration and login	Pass

	Module	Registration	unregistered user	http://www.demo.com 2: Enter Username and Password 3: Click Submit	4222 4222 4222 4222 Password: sameer ss	successful with message displayed: Welcome	successful with message displayed: Welcome	
	User Registration Module	To check User Registration	Access to web browser for unregistered user	1: Navigate to http://www.demo.com 2: Enter Username and Password 3: Click Submit	User ID: 4222 4222 4222 4222 Password: sameer s	Unsuccessful registration with message: password must be 8 characters long	Registration unsuccessful with message password must be 8 characters long	Pass