



Code Test

Course No: CSE-3106

Course Title: Software Development Project

Submitted to,

Associate Professor

Dr. Amit Kumar Mondal

Computer Science and Engineering Discipline, Khulna University,

Khulna

Submitted By,

Parthoraj Nandi (210202)

Susmita Biswas (210224)

CSE Discipline, Khulna University, Khulna

No.	Test Case -ID	Test case Objective	Prerequisite	Steps	Input data	Expected Result	Actual Result	Remarks / Status
1.	TC1	Signin validity check	The application is open	Call performUserRegistration with valid username and password	partho, 1234	Signin Successful	Signin Successful	Pass
				Call performUserRegistration with empty username and password	“,234	Username or password cannot be empty	Username or password cannot be empty	Pass
				Call performUserRegistration with username and empty password	susmi,”	Username or password cannot be empty	Username or password cannot be empty	Pass
2.	TC2	Login validity check	users.txt file exists with valid credentials	Call isLoginSuccessful with valid username and password	partho, 1234	Login successful	Login successful	Pass
				Call isLoginSuccessful with an invalid username and password	part,1234	User not found, Redirecting to signup page	User not found, Redirecting to signup page	Pass
					partho, asf			

3.	TC3	Test the addition of a task in TaskManager	Task.txt file exists	1. Define the task details: task = "Task1", time = "10:00", date = "2024-03-29". 2. Call the addTask method with the defined task details.	Task1, 10:00, 2024-03-29	Task added Successfully	Task added Successfully	Pass
4.	TC4	Check the password change is worked or not	Existing users and passwords are set up	1. Call the changePassword method with valid old credentials and a new password.	Partho, 1234, 2yte7	Password change successfully	Password change successfully	Pass
				Call the changePassword method with invalid username & old password	partho, 2yte, 127368	Could not change the password	Could not change the password	Pass
					part, 2yte7, 28wqs			
5.	TC5	To verify sorting tasks alphabetically	No existing Task_Alphabetical.txt	1. Create a temporary Task_Alphabetical.txt file with sample unsorted tasks. 2. Call `sortTasksAlphabeticallyAndRewrite	Task List: "Task C, 12:00, 2024-04-01", "Task A, 10:00, 2024-04-03",	Sorted successfully	Sorted successfully	Pass

				File` method.	"Task B, 11:30, 2024- 04-02"			
6.	TC6	To verify sorting tasks by time	No existing Task_By Time.txt	1. Create a temporary Task_ByTim e.txt file with sample unsorted tasks. 2. Call `sortTasksB yTimeAndR ewriteFile` method.	Task List: "Task C, 12:00, 2024- 04-01", "Task A, 10:00, 2024- 04-03", "Task B, 11:30, 2024- 04-02"	Shorted successf ully	Shorte d succes sfully	Pass
7.	TC7	To verify deletion of a task.	No existing task.txt	1. Create a temporary task.txt file with sample tasks "Task 1, 11:11, 2024-12- 12", "Task 2, 12:12, 2024- 12-13" 2. Call `deleteSelec tedTask` method to delete "Task 2, 12:12, 2024-12-13" 3. Read file to check deletion.	Task to Delete: "Task 2, 12:12, 2024- 12-13"	The task is deleted successf ully.	The task is deleted succes sfully.	Pass

8.	TC8	To verify clearing all tasks	No existing Task.txt with some tasks	1. Create a temporary Task.txt file with tasks "Task 1, 12:00, 2024-04-01" and "Task 2, 10:00, 2024-04-03". 2. Call `clearAllTasks` method. 3. Check if file is empty.	Task 1, 12:00, 2024-04-01" and "Task 2, 10:00, 2024-04-03"	Clear all task successfully	Clear all task successfully	Pass
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