

TEST CASES FOR MACHINE PROJECT

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
addPersonnel	1	Add new user with only one word username and password	Username: Pretty Password: Savage	New Personnel Added Successfully personel.txt will contain: 2,Pretty,Savage,1,2	New Personnel Added Successfully personel.txt will contain: 2,Pretty,Savage,1,2	P
addPersonnel	2	Add new user with spaces in any of the strings	Username: Blackpink Password: in your area	New Personnel Added Successfully personel.txt will contain: 2,Blackpink,in your area,1,2	New Personnel Added Successfully personel.txt will contain: 2,blackpink,in,1,2 3,our,area,1,2	F
addPersonnel	3	Add new user with numbers for details	Username: 2 Password: 2	New Personnel Added Successfully personel.txt will contain: 2,2,2,1,2	New Personnel Added Successfully personel.txt will contain: 2,2,2,1,2	P

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
updatePersonnell	1	Update a user ID that DOES exist	Enter choice: 2	Personnel record update successfully	New Personnel Added Successfully personel.txt will contain: 2,Pretty,Savage,1,2	P
updatePersonn	2	Update a user ID	Enter choice: 3	ID does not exist	ID does not exist	P

ell		that DOES NOT exist				
updatePersonnel	3	Update a user ID using character input instead of integer	Enter choice: a	ID does not exist	Infinite loop	F

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
deletePersonnel	1	Delete a user that DOES exist	Personnel ID: 2	Account of user2 has been deleted personel.txt will delete user2	Account of user2 has been deleted personel.txt did not delete user2	F
deletePersonnel	2	Delete a user that DOES NOT exist	Personnel ID: 3	Personnel ID with ID 3 not found	Personnel ID with ID 3 not found	P
deletePersonnel	3	Delete a user ID using character	Personnel ID: a	Personnel ID with ID a not found	Infinite loop	F

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
archivePersonnel	1	Archive a user that DOES exist	Enter personnel ID to archive: 2	Personnel 2 has been archived personel.txt will contain: 2,Pretty,Savage,2,2	Personnel 2 has not been archived personel.txt did not change	F
archivePersonnel	2	Archive a user that DOES NOT exist	Enter personnel ID to archive: 3	Personnel ID with ID 3 not found	Personnel ID with ID 3 not found	P
archivePersonnel	3	Archive a user ID using character	Enter personnel ID to archive: a	Personnel ID with ID a not found	Infinite loop	F

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
assignProject	1	Assign existing project to existing user ID	Project ID: 1 Personnel ID: 2	Project assigned	Project assigned to User ID 2	P
assignProject	2	Assign non-existent project to existing user ID	Project ID: Personnel ID:2	No project assigned and go back to main menu	No project assigned and go back to main menu	P
assignProject	3	Assign non-existent project to non-existent user ID	Project ID: Personnel ID:	No project assigned and go back to main menu	No project assigned and go back to main menu	P

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
addProject	1	Add project with the precondition of correct corresponding data inputs	Pink,Venom,2	Project ID shows along with Pink, Venom and 2	Project ID shows along with Pink, Venom and 2	P
addProject	2	Add project with correct corresponding data inputs but strings have spaces	Playing, With Fire,2	The code bugs out due to the space and will make another project due to the space and put the second word into that project	The code bugs out due to the space and will make another project due to the space and put the second word into that project	F
addProject	3	Add project with correct corresponding data inputs but non-existent user	LA,LISA,3	No project will be made	No project will be made	P

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
updateTask	1	Update task with a non-existent Task ID	3		Task ID 3 not found	P
updateTask	2	Update task with incorrect personnel ID	2	This task is not assigned to you	This task is not assigned to you	P
updateTask	3	Add project with correct corresponding data inputs but non-existent user	6	No output	No output	P

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
addTask	1	Add task with the precondition all corresponding inputs are of correct data types	BOOMBAYAH,1,B LACKPINK,1,4/10/ 2023,4/11/2023,1, 2	Task added successfully In file: BOOMBAYAH,1, BLACKPINK,1,4/ 10/2023,4/11/202 3,1,2	Task added successfully In file: BOOMBAYAH,1,B LACKPINK,1,4/10/ 2023,4/11/2023,1,2	P
addTask	2	Add task with incorrect data type	1,1,BLACKPINK,1, 4/10/2023,4/11/20 23,1,2	Task added successfully In file: 1,1,BLACKPINK, 1,4/10/2023,4/11/ 2023,1,2	Task added successfully In file: 1,1,BLACKPINK,1, 4/10/2023,4/11/202 3,1,2	P
addTask	3	Add task with a space in any of the strings	How you like that, 1,BLACKPINK,1,4/ 10/2023,4/11/2023 ,1,2	Task added successfully In file: How you like that, 1,BLACKPINK,1, 4/10/2023,4/11/2 023,1,2	Infinite loop	F

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/ F
showPersonnel List	1	Show active personnel list	1 1 1 2 FLOWER 2	Active Personnel List ID Username Access 1 1 1 2 FLOWER 2	Active Personnel List ID Username Access 1 1 1 2 FLOWER 2	P
showPersonnel List	2	Show active personnel list but no active personnels		Active Personnel List ID Username Access	Active Personnel List ID Username Access	P
showPersonnel List	3	Show active personnel list but only admin	1,1,1	Active Personnel List ID Username Access 1,1,1	Active Personnel List ID Username Access 1,1,1	P

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
assignTask	1	Inactive/Unavailable task ID	55	Task not found. Please try again	Task not found. Please try again	P
assignTask	2	Available task but already assigned	11	Task is already assigned. Please try again	Task is already assigned. Please try again	P
assignTask	3	Available task and available personnel	223	Task assigned successfully	Task assigned successfully	P

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
findTaskIndex	1	Finding a non-existent task ID	55	-1	-1	P
findTaskIndex	2	Finding an existing task ID that is already assigned	11	11	11	P
findTaskIndex	3	Finding an existing task ID	22	22	22	P

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
getPersonnelName	1	Find an existing user ID	2	BLACKPINK	BLACKPINK	P

getPersonnelName	2	Find a non-existent user ID	5	NULL	NULL	P
getPersonnelName	3	Find a user ID using character	a	NULL	NULL	P

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
showTodayTasks	1	Assigned Task with date	Personnel ID = 2 Task ID: 2	2, Cupid, FIFTYFIFTY, 4/10,4/11	2, Cupid, FIFTYFIFTY, 4/10,4/11	P
showTodayTasks	2	Not assigned task	Personnel ID = 3 Task ID:	No assigned tasks today	No assigned tasks today	P
showTodayTasks	3	Assigned Task with different date	Personnel ID = 4 Task ID: 4	No assigned tasks today	No assigned tasks today	P

Function	#	Description	Sample Input Data	Expected Output	Actual Output	P/F
showAssignedTask	1	Shows all assigned tasks for User ID with task	2	Has task ID, task name, project id, start date, end date	Has task ID, task name, project id, start date, end date	P
showAssignedTask	2	Shows all assigned tasks for User ID without task	3	No assigned tasks found	No assigned tasks found	P
showAssignedTask	3	Show assigned tasks for User ID that does not	4	User ID not found	User ID not found	P

		exist				
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