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Project 2 Test Plan

Input Validation						
Calling Function	**Variable**	**Test Case**	**Input Values**	**Driver Functions**	**Expected Outcomes**	**Actual Outcomes**
mainMenuValidate()	userIn	Negative number	userIn<0	zooMenu:: mainMenu	Please re-enter your choice as an integer 1 (Play a game) or 2 (Quit the game): User prompted to enter new value	Please re-enter your choice as an integer 1 (Play a game) or 2 (Quit the game): User prompted to enter new value
		Out of bounds: High	userIn>2			
		Out of bounds: Low	userIn<1			
		First digit: Letter	userIn==a			
		First digit: Non-numeric	userIn==_1			
		First digit: Blank	userIn== 1			
		Space	userIn==' '			
		Multiple digits	userIn==12			
		Correct range	userIn==1		Return int value 1 or 2	Return int value 1 or 2
initialPurchaseValidate()	userIn	Negative number	userIn<0	zooMenu:: initialPurchaseMenu()	Please re-enter your choice as an integer less than << count << or greater than 0	Please re-enter your choice as an integer less than << count << or greater than 0
		Out of bounds: High	userIn>count			
		Out of bounds: Low	userIn<1			
		First digit: Letter	userIn==a			
		First digit: Non-numeric	userIn==_1			
		First digit: Blank	userIn== 1			
		Space	userIn==' '			

		Multiple digits	userIn==12		User prompted to enter new value	User prompted to enter new value
		Correct range	userIn>0 && userIn <count		Return int value 1, 2, or 3	Return int value 1, 2, or 3
endDayPurchaseValidate()	userIn	Out of bounds: High	userIn>3	zooMenuu:: endOfDayPurchase()	Please re-enter your choice as an integer 1, 2, or 3: Prompt user to enter new value	Please re-enter your choice as an integer 1, 2, or 3: Prompt user to enter new value
		Out of bounds: Low	userIn<1			
		Negative number	userIn<0			
		First digit: Letter	userIn==a			
		First digit: Non-numeric	userIn==_1			
		First digit: Blank	userIn== 1			
		Space	userIn==' '			
		Multiple digits	userIn==12			
		Correct range	userIn==2		Int 2 returned to calling function	Int 2 returned to calling function
endOfDayValidate()	userIn	Negative number	userIn<0	zooMenu:: endOfDayMenu()	Please re-enter your choice as an integer 1 (Buy an animal) or 2 (Skip ahead): Prompt user to enter new value	Please re-enter your choice as an integer 1 (Buy an animal) or 2 (Skip ahead): Prompt user to enter new value
		Out of bounds: High	userIn>2			
		Out of bounds: Low	userIn<1			
		First digit: Letter	userIn==a			
		First digit: Non-numeric	userIn==_1			
		First digit: Blank	userIn== 1			
		Space	userIn==' '			
		Multiple digits	userIn==12			
		Correct range	userIn==1		Int 1 returned to calling function	Int 1 returned to calling function
endMenuValidate()	userIn	Negative number	userIn<0	warMenu::		

		Out of bounds: High	userIn>2	endMenu()	Please re-enter your choice as an integer 1 (Keep playing) or 2 (Exit the game)	Please re-enter your choice as an integer 1 (Keep playing) or 2 (Exit the game)
		Out of bounds: Low	userIn<1			
		First digit: Letter	userIn==a	main()		
		First digit: Non-numeric	userIn==_1			
		First digit: Blank	userIn== 1		Prompt user to enter new value	Prompt user to enter new value
		Space	userIn==' '			
		Multiple digits	userIn==12			
		Correct range	userIn==1		Int 1 returned to calling function	Int 1 returned to calling function