	UserName	Dobby Dog2006	Bell	Farrel 4321Car										
	Password	Dog2006	Cat1234	4321Car										
	Area	Condition	Test Data	Expecte Actual	Notes	_								
Login	Login	Both correct	Dobby 1234	Login 🗸		-								
		One Missing Rething missing	Dobby Grad 4221	Please Enter details		-			-		ļ			
	1	Bothing missing one correct	Grag 4321 Greggery 1234	Incorrect Login Details Incorrect Login Details	1				l		l	l		
		One context	Oroggary 1204	moorton Login Donaio										
Display Classes	Search-Find Button clicked	Not selecteding student	null	Please select a student										
Display Classes	Search-Find Button Clicked	Student Selected	Susan	Opens student profile										
		Ordadir Goldada	Outur	Openio diduciri pronic										
						+	+							
Grade Settings	Add grade to all	Not selecting Assessment	null	No assignment Selected					-		-			
Grade Cettings	7 tod grade to an	Student already has a grade and no grade input		Grade has not been changed		†								
		Grade isn't a number	g45g	Grade must be a number										
		Number is't in between the marks	1000	Must be between 0 to marks										
		No grade inputed	null	Grade can not be nothing										
		Grade Input is right		Goes to next student										
		Selected assement	Maths	Opens adding grade to students		1	-				ļ			
	Add grade to one student	No student selected	null null	No student Selected										
		No assessment selected Score is nothing	null	No assessment selected Grade can not be nothing		-	-							
		Has letters in it	h56h	Grade must be a number										
		Out of the range of the weight	1000	Must be between 0 and marks										
		Assessment selected	maths1	Goes to score										
		Student selected	greg	Goes to assessment										
		Score correct	60	Adds all data to xml and saves No student Selected										
I	1	No student Selected	null	No student Selected		1					l	l		
—		 	L	 		+		!				1		
—	Delete Grade	No assessment selected	null	No assessment selected	_				 			 	-	
I	1	No student Selected assessment selected	null maths1	No student Selected Deletes and saves		1	+	1	-		-	1		
		student Selected	greg	Goes to select assessment										
		Student has no grades to delete	Null	Student has now result		1	1	l			1	1		
		2	1			1		1			1	1	1	
	Change Grade	No student selected	null	No student Selected		1	1	1				l		
		No assessment selected	null	No assessment selected										
		Score is nothing	null	Grade can not be nothing										
		Has letters in it	h56h	Grade must be a number							L			
		Out of the range of the weight	1000	Must be between 0 and marks										
		Assessment selected	maths1	Goes to assessment										
		Student selected	greg											
—	1	Score correct No student Selected	null 60	Adds all data to xml and saves No student Selected	-	1	1	 	 		.	1	1	
		No student Selected	riui	IVO Student Selected										
	Delete Assessment	No assessment selected	null	No assessment Selected		_								
	Delete Assessifient	Assessment selected	maths1	Deletes it		_								
Assessment Settin	ng	7 to occornicit octoolog	manor	Diddo i										
	Create Assessment	Blank name	null	The name can't be blank										
		Same name as a previous assessment	Maths1	An assignment with this name already exsits										
		Nothing in weight	null	Insert a weight										
		Adding letters	gg67	Weight must be a number		-								
		Adding weight outside paramiters Marks below or 0		Weight must be between 0 and weight left o										
		Not adding marks	Null	Marks can not be blank										
		Correct name	Maths1	Goes to add weight										
		Correct Weight	50	Goes to add mark										
		Correct Mark	100	Creates assessment										
	Edit Assessment	No assessment selected	null	No assessment selected										
		Nothing in weight	null	Insert a weight										
		Adding letters	gh8	Weight must be a number										
		Adding weight outside paramiters		Weight must be between 0 and weight left o		1					ļ			
I	1	Adding correct weight	+	adds changed weight	+		+	+	-		-	1	-	
		No. of Proceedings		The common of the blank										
I	1	Not adding assessment name Using a name twice	null Maths1	The name can not be blank An assessment with this name already exsit:		1	+	1	-		-	1		
	1	Adds correct name	maths3	Edits assessment With this name aiready exsits		+	1	 	 			I		
	1										1	1		
	1	Adding no marks	null	marks can not be blank		1	1	t				1	1	
		Marks not being a number	.gtg45	Marks must be a number										
		Adding negitve marks	-8	Marks must be above 0										
		Adding correct mark	80	Changes marks										
		No checkbox checked	null	Please select an option										
		1												
	Trace Table loop	У	IntStudentCount	BooStudentIsInClass Average	IntotalScore	Final	Weight	AryKids(y, 0)						
		0		TRUE	67 670	6	7 70	Greg						
	1	2 1		TRUE	80 800	8 0	70	John			L	ļ		
-	 	2	- 5	FALSE	80			Debby	 		I	 	 	
I	+ :	3	5	FALSE TRUE	80 30 300	0 8	70	Susan	-		I	1	-	
1		4	3	FALSE	30 300			doggle blank	 		t	t	 	
		Error	Solution	IALOL			1	Didlik.				1	†	
		for v = 0 to intStudentCount	for $v = 0$ to inStudentCo	unt - 1										
		Error: Student counting starts counting a 1 whi	e the for loop starts at 0 r	esulting in an extra 1 being added to y. This causes confli 1 from intStudentCount results in the right amount of stud	ction with data grid views a	s it starts counti	ng at 0 so the ro	ws are out the lin	nits of index for t	he data grid view				
		Solution: starting y at 1 would still result in the	same error but removing	from intStudentCount results in the right amount of stud	ents counted and keep the	index in range								
			I					1				1	I	
	1	<u> </u>	<u> </u>			1	1	1				1	1	
I	1	1	l		-	+	+	 	 		l	!	 	
1	Trace Table loop	teacherIndex	AssignNode	resultNode TotalWeig	nt booStudentIsInClass	studentCount	IntAverage	intFinalGrade	intTotalScore		-	1	+	
	ce rable loop	O	, walli il voud	n otaliveig	0 FALSE	StuderitCount) Inchesage	n maronade	n rotatocore		1	I	1	
		2 0		1	0 FALSE		0	i ő	L ő					
		3 0		2	0 FALSE		0	0	0					
		0	0	3	0 FALSE		0	- 0	0			.		
_		0		4	0 FALSE	_	0	0	0					
L	1	51 0	C	5	0 FALSE	-	0	0	0					

	8	0	0			FALSE	0	0	0	0									
	10		0			FALSE	0	0	0	0									
	11		0			FALSE	0	0	0	0									
	12	0	0	11		TRUE	0	0	0	6600									
	13	0	1	12		TRUE	0	0	0	6600					1				1
	14	0	1	13	70	TRUE	0	0	0	6600									1
	15	0	1	14	70	TRUE	0	0	0	6600									1
	16		1 1		70	TRUE	0	0		6600									1
	17		1			TRUE	0	0		6600									1
	18					TRUE	0	- 0		6600				-	-				+
	19					TRUE	0			6600						_		_	-
	20					TRUE	0	- 0		6600								_	+
							v	- 0											
	21					TRUE	0	- 0		6600									
	22					TRUE	0	- 0	0	6600									
	23					TRUE	0	0	0	7890									
	24					TRUE	0	0	0	7890									1
	25					TRUE	0	0	0	7890									
	26		2			TRUE	0	- 0	0	7890									
	27	0	2	26	85	TRUE	0	0	0	7890									"
	28		2			TRUE	0	0	0	7890									1
	29	0	2	28	85	TRUE	0	0	0	7890									1
	30		2			TRUE	0	0	0	7890									1
	31		2		85	TRUE	0	0		7890									+
	32		2			TRUE	0		ř	7890								1	+
	33					TRUE	0		,	7890								+	+
			2			TRUE	1	0022	8833	8833									+
			·	31	00	INOL		0000	0000	0033									+
								error		wes the logic error						n weight instead	of a fraction		
								Solution	to compensate	for this error divide	ding by 100 will b	e added to rec	luce the number	r into its correct	form				
								Solution code:	If 100 - totalW	eight > 0 Then				int Aver	ane +- (/100 - t	otalWeight) * inta	Average) / 100	End If	
								Previous code	If 100 - totalW	eight > 0 Then				intAv	erage +- ((100 ·	totalWeight) * in	tAverage)	End If	$\overline{}$
					_			1 TOTIONA COUC	ii 100 totarri	Light > 0 Thun				1	1 (100	totarr cigitty iii	b (voluge)	Liidii	+
															ļ				
	Trace Table loop	i	aryKids(i,0)	dgvGridStorage.Rows.Add(aryKids(i, 0)) teacherNode	е														
	1	1		Greg	1														T
	2	2	John	John	2														1
	3	3	Lucas	Lucas	3				1					1	1	1		i e	1
	4		Finn		4				1					1		1		1	1
	5		Doggle		5														1
	6		Tim		6											1			+
	7		Zoe	Zoe	7				 	1				 	-	1	-	t	+
	, 8		Emma		8				-	—				 		 	1	†	+
			Stan		9				-					-	-	 		-	+
H	10				10		-		-	-				-	-	1	-	-	+
	10	10	Ludwig	Craneu perore auueu to variable	10										-				+
		Error		increased before the aryKids(i, 0) was given a value this r		being bigger the	en the array size	and crashing t	he program						1				
		Solution	The solution was to mov	e the i from adding after the aryKids(i, 0) resulting i to be	0-9														
															1				1
		Solution Code:	For Fook at identifieds to	n teacherNode.ChildNodes(2).ChildNodes		on Wid	la/: O\ aturdant	Mada innestess				day CridCtoro	e.Rows.Add(an	Wide(i O))				= 1 Next	
		Error Code:		n teacherNode.ChildNodes(2).ChildNodes			ls(i, 0) = student aryKids(i,		de innesteut				e.Rows.Add(an dgvGridStorage.		Cide(: O))		1+	= 1 Next Next	
		Ellor Code.	I FUI Eauri StudentiNode II	rteachernoue.criliunoues(z).ChildNodes		1+=1	arVKIOS(I.	$v_I = studentino$	ue.mnertext				agyonuStorage.	.rcuws.Add(aryr	dusti, uj)			Next	