

Statement:			
	Add student		
Specification			
Data			
precondition	Student to be added does not exist		
	All fields have the required type		
	All fields have a valid value		
Results			
postcondition	Student was added		

	Number EC	Condition	Valid EC
	1	Student must not exist	Student doesn't exit
	2		
	3	Student is valid	Id is string
	4		
	5		Name is non empty string
	6		
	7		Group is integer > 0
	8		
	9		Email is a valid email string
	10		
	11		Indrumator is a valid non empty string
	12		

Invalid EC
Student exists
Id is not string
Name is empty string
Group is not integer o
Email is not string
Indrumator is empty o

			input data	
	No TC	EC		
	1	1	StudentObj with unique id	
	2	2	StudentObj with non-unique id	
	3	3	Student with valid string id	
	4	4	Student with non valid non string id	
	5	5	Student with valid non empty name	
	6	6	Student with invalid or empty name	
	7	7	Student with invalid group number	
	8	8	Student with valid group number	
	9	9	Student with valid email	
	10	10	Student with invalid email	
	11	11	Student with valid indrumator	
	12	12	Student with invalid indrumator	
	Remarks	1) TCs: x,y,z - are not possible to be created		
		2) TC X is equal to TC Y, redundancy		
		3) TCs: m,n,k - not possible - compiler checked		

output data		
expected	actual result	
ok	ok	
Throw error	ok	
ok		
Throw error		
Ok		
Throw error		
Ok		
Throw error		
Ok		
Throw error		
Ok		
Throw error		

	Number BVA	Condition	BVA Test Case	
	1	Group number is 0	Smaller then 0	
			Equal to 0	
			Bigger than 0	
	2	Id	Id is empty	
			Id is not empty	

actual	

	FINAL			output data	
	No TC	TC from EC	TC from BVA	expected	actual result
	1	1		Ok	Ok
	2	2		throw	Ok
	3	3	2	ok	Ok
	4	4		throw	Ok
	5	5		Ok	Ok
	6	6		throw	ok
	7	7	1	Ok	Ok
	8	8		throw	Ok
	9	9		Ok	Ok
	11	11		throw	Ok
	12	12		Ok	Ok

		Testing				Debugging	Re-testing			
	Req. ID	TCs run	TCs passed	TCs failed	No of BUGS	Bugs Fixed	Re-tested	TCs run	TCs passed	TCs failed
	Req 1	9		1	1	yes	yes	1	1	0
	Req 1	10		1	1	yes	yes	1	1	
	Req 1	11		1	1	yes	yes	1	1	
	Req 1	12		1	1	yes	yes	1		