Equivalence Partitioning	□	Partitions	Partition test values	Upper valid boundary	Upper valid boundary Lower valid boundary Lower invalid boundary Upper invalid boundary	boundary Upper invalid boun	ndary	Valid Test Values	Invalid Test Values
пате	~	anything null						Any javasoript string	
reponse <statuscode, t?=""></statuscode,>	3 2	StatusCode, T StatusCode						SC.Success + T, SC.Success SC.Created + T, SC.Created SC.NoContent + T, SC.NoContent SC.NoFound + T, SC.NotFound SC.ServeError + T, SC.ServeError	
<u>ية</u>	4 6	Express.Reponse anything else - note: Imited by interface						res: Express.Response	

Equivalence Partitioning	ID Partitions	Partition test values	Upper valid boundary	Lower valid boundary Lower invalid boundary	ver invalid boundary	Upper invalid boundary		Valid Test Values	Invalid Test Values
userld	1 1 to 2147483647	123	2147483647		0	2147483648		1, 123, 2147483647	0,21474836
	0 7	-123							0
		Ilnu							llnu
	> 2147483	2147488944	7	Autogenerated by MySQL, this is not an input field	field				2147488944
lectureId	6 1 to 2147483647	123	٥	Does not need input validation, other than to check if number parse-able, it is validated as an id by querying MySQL	heck if number parse-able	e, it is validated as an id	by querying MySQL		
		0							
	0 0	123							
	> 2147483	2147488944							
attendedat	11 "1000-01-01-01-01-01-01-01-12-31-23-59"	"2022-06-04-11-24"		rontend does not have an input for attended	t not for teachers nor st	dente			
	12 before "1000-01-01 00:00"		. 60	Backend has endpoint, that is not being used by the frontend.	by the frontend.				
		"1001-12-24 00:00"	=	Finclude it, considering that it is teacher only	input value if ever develo	ped on the frontend, cur	rrent partitions make se	nse. Teachers may fuck with the	ystem.
	anything not matching: "YYYY-MM-DD HH:mm"	"2000-Mar-39 1PM"							

BVA analysis					
nserId					
	-1/0/1				
	-27-1/0				
	llnu				

Equivalence Partitioning ID	0						
	Partitions	Partition test values	Upper valid boundary	Lower valid boundary Lower invalid boundary	Upper invalid boundary	Valid Test Values	Invalid Test Values
classid	1 to 2147483647	123	2147483647	1	0 2147483648	1, 123, 2147483647	0 , 2147483648
2	2 0	0					0
8		-123					-123
4	4 null	llun					llun
9	5 > 2147483647	2147488944					2147488944
name 6	6 1 to 45 character strings	Software-Development_2022	This string is 45 characters long yes indeed S		This string is 46 characters long yes indeedd	This string is 45 characters long yes indeed	This string is 45 characters long yes indeed This string is 46 characters long yes indeedd
2	Alp	Multimedia Design					This string is more than 45 characters - it is 49
8	Numbe	SW22				-Development_2022	10.0.
9	9 Underscore in string	MMD_21					SW?22
11	Dash in string	IT22-A				MMD_21	7SW23
-	Dash and underscore in string	IT-22_A				IT22-A	SW24?
21	2 Other non-alphabetical characters in string	."@&i				IT-22_A	luul
		SW722					
		7SW23					
		SW24?					
4	13 null	linu					
4	4 > 45 character string	This string is more than 45 characters - it is 49					
				OR			
9 еше	6 1 to 45 character strings	Software Development 22	This string is 45 chars-AB long yes indeed S		This string is 45 chars-AB long yes indeedd	This string is 45 chars-AB long yes indeed	This string is 45 chars-AB long yes indeed This string is 46 characters long yes indeedd
2	7 Empty String					S	This string is more than 45 characters - it is 49
8	llun null	Ilnu					
0	9 > 45 character string	This string is more than 45 characters - it is 49					null
	Neither one of these are input fields, currer	intly we are autogenerating it I beleive : Unless	Neither one of these are input fields, currently we are autogenerating it I beleive : Unless name field has an input for the teacher on the frontend?	¿pu			
BVA analysis							
nsertd	1 -1/0/1						
	0/15/75						
	UGIII						

		<b>о</b>								
		long yes indeedd characters - it is 4								
Invalid Test Values	0 , 2147483648 0	214/488944 This string is 46 characters This string is more than 45 null								
Valid Test Values	1, 123, 2147483847	214/498944  0sHD3kaSvaBDc/WM,9GnZNkpo7AbhEailPDnO1q Testing - Black box techniques   Pai This string is 46 characters long yes indeedd  0sHD3kaSvaBDc/WM,9GnZNkpo7A  This string is more than 45 characters - it is 49  S  null								
Vali		#Apo7AbhEailPDnO1qTest								
Upper invalid boundary	2147483648	osHD3kaSvaBDcWM,9GnZ								
Lower valid boundary Lower invalid boundary	0									
Lower valid bounda										
Upper valid boundary	2147483647	osHD3kaSvaBDcWM,£S								
Partition test values	123 0 -123	Testing - Black box techniques   Part 1								
Partitions	1 to 2147483647 0 <= -1	> 2147489847 1 to 255 character strings Empty String null > 285 character string	Auto generated, they are not input fields. Auto generated, they are not input fields							
Ioning	1 2 8 4	ρ ω ν ω σ								
Equivalence Partitioning	ectureId	пате	startedAt endetAt							

Invalid Test Values		.7483047 0 , 2147483048	-123	llun	2147488944																				
Valid Test Values	100 001	1, 123, 214/48364/																							
ary	070	040																							
Upper invalid boundary	0447400040	0 21474830																							
Lower valid boundary Lower invalid boundary																									
Lower valid boundary	*																								
Upper valid boundary	TA 3000 KT A 40	714/48304/																							
Partition test values	7	0	-123	llun	2147488944																				
Partitions	TESCONTERES	1 to 2 14/483647	\ 	llun	> 2147483647																				
Equivalence Partitioning ID	T C C		8	4	2	name		***************************************																	

								2	49												P	49								
	Invalid Test Values	7 0 , 2147483648	0	-123	Ilinu	2147488944	T T T T T T T T T T T T T T T T T T T	es triis surrig is 40 criaracters forig yes indeed	This string is more than 45 characters - it is 49	17@,`	SW?22	?SW23	SW24?	llou							This string is 45 chars-AB long ye This string is 46 characters long yes indeedd	This string is more than 45 characters - it is 49		Ilun						
	Valid Test Values	1, 123, 2147483647							v	Software Development	SW22	MMD_21	IT22-A	IT-22_A								S								
	Upper invalid boundary	0 2147483648					0.00	rills stillig is 40 characters forig yes indeed													This string is 45 chars AB_, long yes indeedd									
	Lower valid boundary Lower invalid boundary																													
		747						dato												OR	ars-S						that they are teaching	nse		
	Upper valid boundary	2147483647					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	IIIIS SIIIIG IS 40 CHE											45 characters - it is 49		This string is 45 chars. S			45 characters - it is 49			ars can create subjects	ints therefore make se		
	Partition test values	123	0	-123	llun	2147488944		Soliware Development	Multimedia Design	SW22	MMD_21	IT22-A	IT-22_A	17@,.	SW?22	2SW23	SW24?	llou	This string is more than 45 characters - it is 49		Software Development 22		llou	This string is more than 45 characters - it is 49		Functionality perspective	Makes sense that teachers can create subjects that they are teaching	CRUD of subjects endpoints therefore make sense		
	Partitions	1 to 2147483647	0	1	llun	> 2147483647	4 to AE observation about	I to 45 chalacter strings	Alphabetical characters in string	Number characters in string	Underscore in string	Dash in string	Dash and underscore in string	Other non-alphabetical characters in string				llnu	> 45 character string		1 to 45 character strings	Empty String	llun	> 45 character string						
۵		~	2	က	4	5	C	0	7	∞	0	10	=	12				13	14		9	7	00	6						
Equivalence Partitioning		subjectId					00000	<u>a</u>													name									

Equivalence Partitioning	Q						
	Partitions	Partition test values	Upper valid boundary	Lower valid boundary Lower invalid boundary	dary Upper invalid boundary	Valid Test Values	Invalid Test Values
nserld	1 to 2147483647	123	2147483647	-	0 2147483648	1, 123, 2147483647	0,2147483648
Not Input - Autogenerated.	2 0	0					0
	S <= -1	-123					-123
	4 null	llun					llun
	5 > 2147483647	2147488944					2147488944
name							
Not Input - Get from microsoft.							
Gual							
Not Input - Get from microsoft.							
		:					
		Functionality perspective:					
		Could skip having any en	adpoints that CRUD users, as that is d	Could skip having any endpoints that CRUD users, as that is def out of scope, considering us relying on third party auth.	uth.		
		Requirements should the	in include an admin user or have requi	Requirements should then include an admin user or have requirements for teachers to be able to sign up users, which goes against how we've thought about our system	sh goes against how we've thought about or	ır system	