Team:	Team Aguacate		
Test Procedure:	Santiago		
Date:	6-Nov-13		
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Tools to be Used

Terminal
Sendgrid

Text editor (Sublime Text)
Chai
MongoDB
Postman
Browser (Chrome)
Mocha
Node.js

Testing

To run all the tests go to home/panda and run sudo npm test.
All tests will be HTTP requests with associated payload

Test ID	Test Description	Instructions	Payload	Expected Outcome	Pass/Fail	Comments
			{ 'name': 'A Fake Course', 'code':			
		Perform HTTP POST to	'FAKE3001', 'year': '2013',			generated id for newly created course will
C_1	Create Course	./api/courses	'semester': 'Fall', }	Status Code: 201	4	be used across the next courses tests
		Perform HTTP POST to				
C_2	Fail creating course with missing payload	./api/courses	-	Status Code: 400	4	
		Perform HTTP GET to		Status Code: 200, Body contains		:id is replaced by the id of the course
C_3	Get Created Course	./api/courses/:id	-	course information	✓	created before
				Status Code: 200, Body contains		
		Perform HTTP GET to		array of courses with their		
C_4	Get Multiple Courses	./api/courses	-	information	4	
		Perform HTTP GET to		Status Code: 200, Body contains		
		./api/courses/:id?users=true&as		course information along with		
	Get a course with its users, assignments	signments=true&submissions=tr		its users, assignments and		
C_5	and submissions	ue	-	submissions	✓	
		Perform HTTP POST to				
C_6	Add student to course	./api/courses/:id/users/:sid	-	Status Code: 200	4	:sid is replaced by the student id
				Status Code: 200, course		
		Perform HTTP GET to		information in body contains		
C_7	Get course and check student was added	./api/courses/:id	-	added student's id	✓	
		Perform HTTP POST to				
C_8	Fail adding student to unknown course	./api/courses/:id/users/:sid	-	Status Code: 404	4	
		Perform HTTP POST to				
C_9	Fail adding unknown student to course	./api/courses/:id/users/:sid	-	Status Code: 404	4	
		Perform HTTP DELETE to				
C_10	Remove user from course	./api/courses/:id/users/:sid	-	Status Code: 200	4	
		Perform HTTP DELETE to				
C_11	Fail removing user from unknown course	./api/courses/:id/users/:sid	-	Status Code: 404	✓	
				Status Code: 200, course		
	Get course and check student was	Perform HTTP GET to		information in body does not	10.46	
C_12	removed	./api/courses/:id	-	contain removed student	✓.	
		Perform HTTP DELETE to				
C_13	Delete course	./api/courses/:id	-	Status Code: 200	4	
		Perform HTTP DELETE to			10.4	
C_14	Fail deleting already deleted course	./api/courses/:id	-	Status Code: 404	4	

		Perform HTTP GET to				
C 15	Fail getting deleted course	./api/courses/:id	_	Status Code: 404	√	
0_10	r un getting deletted course	,, ap., add. ses,a		Status couet 10 !	77	
			{ 'email':			
			'alguien.nadie@upr.edu',			
			'password': '12345', 'firstName':			
			'Alguien', 'lastName': 'Nadie',			generated id for newly created user will be
U 1	Create User	Perfom HTTP POST to ./api/users	_	Status Code: 201	1	used across the next users tests
_			,		100.	
U_2	Fail creating user with missing payload	Perfom HTTP POST to ./api/users	-	Status Code: 400	4	
			{ 'email':			
			'alguien.nadie@upr.edu',			
			'password': '12345', 'firstName':			
			'Alguien', 'lastName': 'Nadie',			
U_3	Fail creating user with email taken	Perfom HTTP POST to ./api/users	'role': 'Student' }	Status Code: 400	✓	
		Perfom HTTP POST to	{ 'email': 'malo.nadie@upr.edu',			
U_4	Fail logging in with bad username	./auth/login	'password': '12345'}	Status Code: 401	4	
		Dayfors LITTO DOCT to	(lamaille lamala madia Quan adul			
	Fail lancing in with had account	Perfom HTTP POST to	{ 'email': 'malo.nadie@upr.edu',	Status Cada: 404	4	
U_5	Fail logging in with bad password	./auth/login	'password': 'malo'} { 'email':	Status Code: 401	*	
		Perfom HTTP POST to	'alguien.nadie@upr.edu',	Status Code: 200, receive		
U_6	Login as user	./auth/login	'password': '12345'}	autentication token	4	
0_0	Login as asci	Perform HTTP GET to	password : 12545 j	Status Code: 200, body contains		:id is replaced by the id of the user created
U 7	Get created user	./api/users/:id	-	user information	1	before
_				Status Code: 200, body contains	100.	
				array of users with their		
U_8	Get multiple users	Perform HTTP GET to ./api/users	-	information	4	
		Perform HTTP GET to		Status Code: 200, body contains		
		./api/users/:id?courses=true&as		user information along with its		
	Get user with courses, assignment and	signments=true&submissions=tr		courses, assignments and		
U_9	submissions	ue	-	submissions	√	
	Bilderstades	Perform HTTP DELETE to		Status Carlo 200	,	
U_10	Delete created user	./api/users/:id Perform HTTP DELETE to	-	Status Code: 200	4	
U 11	Fail deleting already deleted user	./api/users/:id	_	Status Code: 404	1	
5_11	Tan deleting an eady deleted user	Perform HTTP GET to	-	5.6.163 COUC. 404	*	
U_12	Fail getting deleted user	./api/users/:id	_	Status Code: 404	4	
	g g well-test user	Go to ./jsubmit.html. Select				
		ExampleProgram.java as source				
		file. Expected Output field				
		should be: "I'm a Simple		Status Code: 200, body contains		
T_1	Single file correct verdict	Program."	-	verdict: Correct	4	Files are located in panda/test/res
		Go to ./jsubmit.html. Select				
		ExampleProgram.java as source				
		file. Expected Output field		Status Code: 200, body contains		
T_2	Single file wrong answer verdict	should be left empty.		verdict: Wrong Answer	4	
		Go to ./jsubmit.html. Select				
		BadExampleProgram.java as		Status Code: 200, body contains		
T_3	Compile error verdict	source file.		verdict: Compile Error	4	

		Go to ./jsubmit.html. Select				
		ReadInput.java as source file.				
		Input field must be "Hola				Providing same input and output confirms
		Mundo" and Expected Output		Status Code: 200, body contains		that the programs receives input from
T_4	I/O piping	field must be "Hola Mundo".		verdict: Correct	✓	standard I/O streams
		Go to ./jsubmit.html. Select		Status Code: 200, body contains		
T_5	Runtime Exception verdict	RuntimeEx.java as source file.		verdict: Runtime Exception	4	
		Go to ./jsubmit.html. Select		Status Code: 200, body contains		
T_6	Time limit exceeded verdict	InfiniteLoop.java as source file.		verdict: Time Limit Exceeded	✓	3 seconds time limit
		Go to ./jsubmit.html. Select		Status Code: 200, body contains		
T_7	Memory limit exceeded verdict	MemO.java as source file.		verdict: Memory Limit Exceeded	<u> </u>	~25Mb memory limit
		Go to ./zipsubmit.html. Select				
		source archive llzip.zip as source				
		file. Select IndexListTester.java				
		as Main Class Tester. Expected				
		Output must be equal to the				
		contents of		Status Code: 200, body contains		
T_8	Multiple files correct verdict	IIReferenceOutput.txt		verdict: Correct	✓	
		Go to ./zipsubmit.html. Select				
		source archive llzip.zip as source				
		file. Select IndexListTester.java				
		as Main Class Tester. Expected		Status Code: 200, body contains	COM.	
T_9	Multiple files wrong answer verdict	Output must be empty		verdict: Wrong Answer	√	
						Internal workflow of a queue is processed
		Perform HTTP GET to		Status Code: 200, body contains		grading a multiple file source code with
T_10	Queue test	./test/queue. Watch console.		verdict: Correct	₩	multiple tests.
			{ 'name': 'A fake assignment',			
			'shortDescription': 'Not a real			
			assignment', 'creationDate':			
			'2013-11-02T18:41:55.410Z',			
		Perform HTTP POST to	'deadline': '11/11/2013',		COM.	generated id for newly created assignment
A_1	Create Assignment	./api/assignments	'numOfTries': 2, }	Status Code: 201	√	will be used across the next users tests
	Fail creating assignment with missing	Perform HTTP POST to		s		
A_2	payload	./api/assignments	-	Status Code: 400	4	
		Doufour LITTO CET to		Status Cada 200 hadu as status		
	Catamatadantaman	Perform HTTP GET to		Status Code: 200, body contains		:id is replaced by the id of the assignment
A_3	Get created assignment	./api/assignments/:id	-	assignment information	4	created before
				Status Codo: 200 hody santains		
		Doufour LITTO CET to		Status Code: 200, body contains		
Λ 4	Cot multiple assistants	Perform HTTP GET to		array of assignments with their		
A_4	Get multiple assignments	./api/assignments	-	information		
		Perform HTTP GET to		Status Codo: 200 hady contains		
				Status Code: 200, body contains		
۸ ۶	Cot assignment with its submissions	./api/assignments/:id?submissio		assignment information along	./	
A_5	Get assignment with its submissions	ns=true	-	with its submissions	•	

			{ 'score': 10, 'timeLimit': 10,			
			'memLimit': 5, 'testInput': '5\n1			
		Perform HTTP POST to	2\n2 3\n1 4\n3 4\n2 4',			
A_6	Add test case to assignment	./api/assignments/:id/test	'testOutput': '0, 1, 2, 1' }	Status Code: 201	J	
<u></u> 0	Add test case to assignment	., api, assigninents, ha, test	testoutput: 0, 1, 2, 1 }	Status Code: 200, body contains	20.0	
		Perform HTTP GET to		assignment with the recently		
A 7	Check test case was added to assignment	./api/assignments/:id	_	added test case	1	
<u>~_</u> /	eneck test case was added to assignment	, api, assigninents) na		duded test case		
		Perform HTTP DELETE to				
A 8	Delete test case	./api/assignments/:id/test/:tid	_	Status Code: 200	4	:tid is replaced with the test case id
70	Delete test case	i, api, assigiments, na, test, tha		Status Code: 200, body contains		ind is replaced with the test case in
		Perform HTTP GET to		assignment without the		
A_9	Check test case was deleted in assignment	./api/assignments/:id	_	removed test case	1	
	eneem test case was defected in assignment	Perform HTTP POST to		removed test dase		
A_10	Fail creating test case without payload	./api/assignments/:id/test	_	Status Code: 400	4	
		, гр., геогде, ге, гес				Multipart/form-data POST of files
						testInput.txt as testInput, testOutput.txt as
		Perform HTTP POST to	{ 'score': 10, 'timeLimit': 10,			testOutput, ExampleProgram.java as
A_11	Create test case with files	./api/assignments/:id/test	'memLimit': 5 }	Status Code: 201	1	testerFile
_		Perform HTTP DELETE to				
A_12	Delete assignment	./api/assignments/:id	-	Status Code: 200	4	
_		Perform HTTP DELETE to				
A_13	Fail deleting already deleted assignment	./api/assignments/:id	-	Status Code: 404	4	
_	, ,	Perform HTTP GET to				
A_14	Fail getting deleted assignment	./api/assignments/:id	-	Status Code: 404	4	

Total 100