

Testing Document
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School Subject Database/WebApp Project

Iteration 2: Testing User authentication and authorization

User	Test	Expected Result	Result	Problem/ Solution
Admin	Can create new users and set permissions	user's <i>tutor</i> and <i>student</i> will be created	Successful	n/a
Admin	Create new collection in <i>subjects</i> database	test collection was created	Successful	n/a
Tutor	View subjects collection and it's documents	User able to access database and collection	Failed	User was not authenticated via <i>admin</i> database but instead <i>subjects</i> database
Tutor	Add document to <i>subjects</i> collection	Document will be added to <i>subjects</i> collection	Successful	n/a
Student	Add document to <i>subjects</i> collection	Failed authorization	Successful	n/a

Iteration 3: Testing CRUD operations

User	Test	Query	Expected Result	Result	Problem/ Solution
Tutor	Submit new document using Web App	db.subjects.insert({test:"new document"})	Database will be updated with a new document	Successful	n/a
Tutor	Edit document in Atlas	db.subjects.update({Name:"Pythagorean theorem"},{Year:"1900BC"})	Document will be updated to include a Year:"1900BC"	Successful	n/a
Student	Find all documents where value of "category" = "art"	db.subjects.find({category:"arts"})	3 documents will be returned	0 results found	"Category" and "Arts" were not capitalized.
Student	Submit new document using Web App	db.subjects.insert({ignoreThis:"testPost"})	User is not allowed to insert into subjects.subjects	Successful (failed)	n/a