Team 4: Authority Publishing Platform
- Design Inspection Defect Log -

This design inspection log references the revisions of "api.txt", available here:
https://github.com/jamesmiller5/app/commits/software-testing/doc/api.txt

Date: 09/11/2013
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Recorder: Mitchell Mounts

Defect #	Description	Severity	How Corrected
1	Should move away from passing String tokens into the addEmail() function.	3	Created a ClaimToken class to encapsulate the token string. Could work with a String but this is cleaner from a documentation standpoint
2	TrustEdge should be split up into two separate classes to separate responsibilities.	3	Created a new SubjectiveEdge class to represent trust from a user's point of view. Could be coded around, this is a bit more for documentation
3	Create a class to represent trust citations, rather than simply adding strings.	2	Created a Citation class to record reasons for trusting other users.
4	addEmail() & removeEmail() should require a logged in session that the email will be added to	2	addEmail() will now only be called by the Session object. addEmail() is no longer ambiguous on what User is adding what email though it was implied. Same for removeEmail()

5	Session should go stale after a certain amount of time.	1	Make the session timeout after a given period of time. It wasn't clear when a session "expires"
6	Session should be an Object that calls methods, not an Object that is passed around into methods.	1	Reworked design to have the this behavior. Session will now call all functions that it was originally passed into.This is required to keep the database stateful and in a transactional access method.
7	addEmail needs to follow "register" & "signup" by requiring a ClaimToken to verify the email belongs to the Session.User	1	Added a token string to addEmail(). This was a logic whole that would have allowed Users to add arbitrary emails
8	Add viewPortfolio() as there was addToPortfolio() & removeFromPortfolio()	1	Large mistake, had method to add and remove portfolio content but no way to expose that content thus defeating the purpose
9	trust() requires at least one Citation[] instead of String reason	2	Part semantical and part change from String reasons[] to use Citations class
10	Rename "addAffiliation" & "removeAffiliation" to add & remove Portfolio	3	Just semantical changes to rename Affiliation to Portfolio as they are equivalent in intention but was hard to understand