

Project Design Inspection, Code Inspection, Unit Testing

Project title: ReportIt

Team #5

Team members: Juncheng Tang, Yingtong Chen, Liang Zhang, Yuting Guo, Yaoxi Liang

Product	Design Inspection		
Date	10/13/17		
Author	ReportIt Team		
Moderator	Liang Zhang		
Inspectors	Juncheng Tang, Yuting Guo, Yingtong Chen, Yaoxi Liang, Liang Zhang		
Recorder	Yuting Guo, Juncheng Tang, Yingtong Chen, Yaoxi Liang, Liang Zhang		
Defect #	Description	Severity	How Corrected
1	Each concern submitted should be correctly indexed	2	Add index field to each objects in concern model
2	The total number of concerns submitted by each user should be recorded for future reference	3	Add count field to each objects in concern model
3.	Webpage cannot tell if a user is a reporter or an agent with the user object they receive.	2	Add groups to user field to categorize user as reporter or agent
4.	The user is not able to check if they have uploaded the correct file.	1	Add a new page to allow view and resubmission of files.

5.	The reporter sign up module did not check the phone number field is valid(is numbers, etc.)	2	Add a field check to check if number is valid

Product	Code Inspection
Date	10/13/17
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Recorder	Juncheng Tang, Yuting Guo, Yingtong Chen, Yaoxi Liang, Liang Zhang

Defect #	Description	Severity	How Corrected
1.	The dashboard is incorrectly showing "submit" concern to non-reporter users	2	Perform a filter in reporter objects, confirm the identity of user and display accordingly
2.	The concern problem submission time shows UTC time instead of EST time	2	Set the timezone to new york time in setting
3.	The post request does not contain a valid csrf token which causes 500 internal error in submission.	1	Set csrf token in every post request and make sure backend receive the csrf token
4.	If user login with google, the reporter could not provide optional information	2	Add a page on webpage redirection, asking the user to enter those information.
5.	The edit profile module also show the user profile values instead of letting user to modify from scratch	2	Query the user profile fields values and render them within the edit profile page

6.	A reporter logged in from Google is not put into the group of Reporter who are able to submit concerns.	1	When the user first login with Google account, in the backend, change the object User to Reporter

Product	Unit Test
Date	10/13/17
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Inspectors	Juncheng Tang, Yuting Guo, Yingtong Chen, Yaoxi Liang, Liang Zhang

Recorder	Juncheng Tang, Yuting Guo, Yingtong Chen, Yaoxi Liang, Liang Zhang		
Defect #	Description	Severity	How Corrected
1	Admin user login and click view profile, the page crashes	3	Profile pages should not be available to non-reporter and non-agent user
2	After submission, the page does not redirect to dashboard page	2	Add callback function to javascript to redirect to the dashboard page.
3	Non-reporter is able to submit concerns by entering the "submit concern" url address	3	Verify the identity of user before rendering the submit concern page.
4.	User is able to view and modify other agent's verification file with the correct name of uploaded file (that belongs to another account).	2	Add hashing function to not show the file name; Verify the identity of user before sending file.
5.	Attempting to login with google account will cause a crash in webpage.	1	This is caused by incorrectly storing the user instance in database. Store new account with Reporter instance instead of user object.
6.	While signing up new account, the webpage shows "Unique constraint fails" after submission.	1	Get rid of repeated function call attempting to save the same object more than once.
7.	For historical database entries, the webpage will crash on login.	2	For now, deleting the database and create a new one by using migration will solve the problem. However, we should come out with a way of re-visiting historical database entries in case of the important changes in the future.

8.	The malicious files can be uploaded to S3.	1	Add security check on file size and file type.
9.	The administrator should be able to delete the outdated verification files after verifying the agent's identity	2	Add a new delete function to delete the file in S3.
10.	Clicking "View all concern" will display a page labeled as "View My Concern" that displays all other user's concern.	2	Correct the front end HTML page.

