

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	09/15/17		
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	The reporter model and agent model has been implemented separately.	1	Inheritance can be used. Reporter model and agent model should be configured to inherit User model.
2	The concern model has been recording agent with string.	3	The correct agent instance should be identified and related correctly.
3	The concern recorded in the database cannot sufficiently reveal appropriate information in admin page. (reporter, agent, issue, etc)	2	Provide sufficient support to display the information. (Add field into the Concern model)

4	Agent model contains multiple fields which are beyond the default User Model, submitting one form only for agent additional information do not contain all agent information	1	Submit two forms(user basic information and agent additional fields) for Agent to sign up.
5	The widget of the content should be text area or mark down field instead of widget of input.	3	Change the widget to the text area or markdown field.
6	Username has been the main factor of identification for account. As a result, reporter and agent are not allowed to have the same username	1	Instead of username, email should be used toward the identification of account.
7	404 page has not been used although implemented.	3	Wait until all urls have been finished, and then enable the 404 page in case any inconvenience caused during implementation
8	The Agent and agent profile are implemented in two separate class	1	By inheriting or extending original user class, agent and agent profile should be in one class, similarly for reporter and reporter profile

Product	Code Inspection		
Date	09/15/17		
Author	ReportIt Team		
Moderator	Liang Zhang, Yingtong Chen		
Inspectors	Juncheng Tang, Yuting Guo, Yingtong Chen, Yaoxi Liang, Liang Zhang		
Recorder	Yuting Guo		
Defect #	Description	Severity	How Corrected
1	For some html elements such as submit button, they do not have name and id, making automated testing hard.	1	Name and id are added.
2	The concern model is recording a User instance in the "reporter" field.	2	Reporter instance should be recorded.
3	The url definition has been somewhat contradictory to each other. For example, "/profile" and "/profile/" should lead to the same profile page.	3	Make use of regular expression and eliminate such unnecessary address not found.

4	Multiple log out button has been spotted on the page. The suspected cause of such problem is the inadequate usage of git merge	3	Delete the extra log out button.
5	The concern model has been using Charfield to record the concern content.	3	Replace the Charfield with Markdown field or Text area widget
6	The same email address is allowed to create multiple distinct accounts.	1	Check whether the email is unique email while signup
7	When signing up, help text that warns the limitation for the input of username and password are shown when no error input appear	3	Set the help text parameter to none
8	In Model connecting to the database, the maximum storage length is too small to store the content of concern content	2	Enlarge the maximum length limit

Product	Unit Test		
Date	09/18/17		
Author	ReportIt Team		
Moderator	Liang Zhang, Yingtong Chen		
Inspectors	Juncheng Tang, Yuting Guo, Yingtong Chen, Liang Zhang		
Defect #	Description	Severity	How Corrected
1	Enter reporter information, click on login button. After clicking on the button, the page is not directed to the dashboard, but stay in login page.	1	After authenticate user information is correct, page will be directed to the dashboard page.
2	Click Logout button in the dashboard page, After logging out, the page will be directed to admin login page.	1	Change the redirect url in the logout function. Make sure that after logging out, the page is directed to the homepage.
3	Enter admin login information, If "login" button is clicked, the page is directed to admin login page.	1	Separate the relationship between user login page to Admin login page.
4	If click "Agent" in admin page, then it will show Agent table not found	3	Modify the model and add in str function to display useful information
5	When click signup button, Relation Object does not at /agentSignup	1	Perform another inspection through any repetition in codes. Delete any conflict not

			discovered during the merge
6	After signing up with reporter/agent, the corresponding account is displayed in the admin page under reporter/agent tab.	1	Perform inspection in the database, and look for those inadequate identification of user. Correct them if found.
7	Click on "submit concern" button and direct to Submit Concerning page, webpage existing syntax error in the static file template	2	Fix static file to have correct syntax to make sure all static file work properly
8	When trying to access the page that requires login without logging in, user is redirected to the 404 page.	3	Redirect user to login page instead of the 404 page.
9	On reset password page, input email and then click "send verification email" . output: connection error when connecting to Reset_password_email field	3	Do not allow the same email name in different distinct users when signing up
10	When user enters unmatched password in password confirm field, the verification is confirmed	1	Show up error message when the password does not match

