

Project Test Plan

Project title: ReportIt

Team #5

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A. Identification and Classification

B. Instructions

C. Expected Result

Severity 1: Critical (Test cases critical to the success of software)

Severity 2: Important (Test cases encountered on day to day functional tasks)

Severity 3: Workaround (Test cases for which the software could run even with the defect)

1. ReporterSignup

<Functionality>

- A. ReporterSignup 001, Reporter Sign up Button, Severity 1
- B. Click "Sign up" Button
- C. Display Agent and Reporter Sign up page

<Functionality>

- A. ReporterSignup 002, Reporter Tab, Severity 1
- B. Click "Reporter" Tab
- C. Display Sign up Page for Reporter

<Equivalent Class>

- A. ReporterSignup 003, Empty Input Form, Severity 1
- B. Click on "Finish Sign Up" Button
- C. All required input box below display "This is a required Field"

<Equivalent Class, Boundary Value>

- A. ReporterSignup 004, Special Characters in Input Form, Severity 1
- B. Enter Chinese Characters in input form in username, email, password, click on "Finish Sign Up" Button
- C. All required input box below display "Input Field should not contain special Characters"

<Equivalent Class, Boundary Value>

- A. ReporterSignup 005, Invalid email address, Password and confirm password doesn't match, Severity 1
- B. Enter "www.reportit.com" in the email field
Enter "abcdefg123" in password field
and enter "abcdefg1234" at confirmed password field

- C. Below password field display “password and confirm password not match”, below email field display “invalid email”

<Equivalent Class, Boundary Value>

- A. ReporterSignup 006, Enter invalid email field without domain and weak password, Severity 1
- B. Enter “abc@def” in the email field
Enter “123” as password
- C. Below password field display “Password must includes Capitalized letter and number!” dialogue, below email field, display “invalid email”

<Functionality>

- A. ReporterSignup 007, All valid user information, Severity 1
- B. Enter all valid user information in the field, click on “Finish Sign Up”
- C. Pop up user sign up successful dialog, redirect to a page “A verification email has being send to your email account”, Then redirect to the Sign in Page

<Functionality>

- A. ReporterSignup 008, Verification email, Severity 1
- B. Visit personal email account and click on the link of verification email to confirm account.
- C. Direct to the page displaying “Your account has being verified”, then redirect to the main page of the web app.

<Functionality>

- A. ReporterSignup 009, Duplicated user information, Severity 1
- B. Enter the previous registered user information in the field, including same username and email
- C. Below username field display “username exist”, below email field display “email exist”

2. AgentSignup

<Functionality>

- A. AgentSignup 001, Agent Tab, Severity 1
- B. Click “Agent” Tab
- C. Display Sign up page for Agent

<Equivalent Class>

- A. AgentSignup 002, Empty Input Form, Severity 1
- B. Click on "Finish Sign Up" Button
- C. All required input box below display "This is a required Field"

<Equivalent Class, Boundary Class>

- A. AgentSignup 003, Invalid phone number and special character address, Severity 1.
- B. Enter a 5 digits phone number and add Chinese character in the address.
- C. Below phone number field display "invalid number" and below address field display "invalid address"

<Boundary Value>

- A. AgentSignup 004, Too large document, Severity 1
- B. Submit the corresponding agent documentation larger than maximum size
- C. Below document part display "document size larger than maximum size"

<Functionality>

- A. AgentSignup 005, Verify documentation, Severity 1
- B. Submit the corresponding documentation
- C. Pop up message "Your documentation has been submitted"

<Functionality>

- A. AgentSignup 006, All valid agent information, Severity 1
- B. Enter all valid user information in the field including the document, click on "Finish Sign Up"
- C. Pop up user sign up successful dialog, redirect to a page "A verification email has being send to your email account and our admin will verify your account information after checking your document", Then redirect to the Sign in Page.

<Functionality>

- A. AgentSignup 007, Invalid Agent Document, Severity 1
- B. Admins check agent document and find the agent documents are invalid.
- C. When agent login next time, redirect to a page showing "Your document is invalid, please submit another document to enforce agent submit a valid document to make their account valid".

3. ThirdPartySignup

<Functionality>

- A. ThirdPartySignup 001, Third Party SignUp, Severity 2
- B. User click on either google, facebook, twitter login button
- C. Redirect to third party Oauth window.

<Functionality>

- A. ThirdPartySignup 002, Third Party SignUp information, Severity 2
- B. User enter valid user third party login information and allow third party login for this web app.
- C. Redirect to the additional information page.

<Functionality>

- A. ThirdPartySignup 003, Third Party email information, Severity 2
- B. User enter valid user email information in addition to third party login information
- C. Direct to the page displaying "A verification email has being send to your email account", then redirect to the login page of the web app.

4. User Login and Logout

<Functionality>

- A. UserLogin 001, Login Button, Severity 1
- B. User click on the login link
- C. The page redirect to the login page

<Equivalent Class>

- A. UserLogin 002, Empty Login Form, Severity 1
- B. User click Login button without filling anything
- C. All required input box below display "This is a required Field"

<Functionality>

- A. UserLogin 003, Wrong Login Information, Severity 1
- B. User login enter wrong password and click login button
- C. Display error message "username and password not match"

<Boundary Value>

- A. UserLogin 004, User login without email verification, Severity 1
- B. Sign up a user without email verification, enter login information and click login button
- C. Display error message "user email account has not been verified"

<Functionality>

- A. UserLogin 005, User login with all correct information, Severity 1
- B. User login with correct username and password, and click login button
- C. Display “login successful” note and redirect to main page of the web app.

<Functionality>

- A. UserLogin 006, User logout, Severity 1
- B. User click on logout button
- C. Display “logout successful” note and redirect to sign in page of the web app.

5. SubmitConcern

<Functionality>

- A. SubmitConcern 001, Concern Report, Severity 1
- B. Click “Submit Concern” button
- C. Direct to Submit Concern Page and show submit concern form.

<Equivalent Class>

- A. SubmitConcern 002, Empty concern input, Severity 1
- B. Submit concern without typing anything in concern textbox or without selecting any agent
- C. Submission is refused along with warning message saying “Please enter your concern”

<Boundary Value>

- A. SubmitConcern 003, exceed maximum title input, Severity 3
- B. Submit title which exceed maximum title length
- C. Under title field display “title length exceed maximum length”

<Boundary Value>

- A. SubmitConcern 004, upload image exceed maximum size, Severity 2
- B. Upload image which exceed maximum size
- C. Under title field display “title length exceed maximum length”

<Equivalent Class>

- A. SubmitConcern 005, invalid character in report text field, Severity 1
- B. Reporter input special characters in report title and report text field (such as “{}”, “drop table”, etc.) and then click submit button
- C. Warning popup saying “suspicious input: (show the suspicious part)”

<Functionality>

- A. SubmitConcern 006, Selected Agent, Severity 1
- B. Select one or more agent in the agent field
- C. The agent input field will show all the agents selected

<Functionality>

- A. SubmitConcern 007, Recaptcha, Severity 2
- B. Reporter click on "I am not a robot" input box
- C. Recaptcha will either allow passing the recaptcha or let reporter to select images to pass test of human being verification.

<Boundary Value>

- A. SubmitConcern 008, without Recaptcha, Severity 2
- B. Reporter did not click on "I am not a robot" input box and click submit button
- C. Display under Recaptcha "Please confirm that you are not a robot"

<Functionality>

- A. SubmitConcern 009, Submission button, Severity 1
- B. As reporter complete the report content and select valid agent, click the submit button
- C. The report is redirected to the corresponding agent

<Functionality>

- A. SubmitConcern 010, Agent Receive Notification, Severity 2
- B. Reporter submitted the report
- C. Agent receive notification email on the new report.

6. ViewAllConcern

<Functionality>

- A. ViewAllConcern 001, Displaying Concerns, Severity 1
- B. User click "view all concerns" tab in the dashboard
- C. All concerns posted by all reporters are displayed

<Functionality>

- A. ViewAllConcern 002, Particular Concern, Severity 1
- B. User click on a specific concern link
- C. Specific Concern with all concern information are displayed

<Functionality>

- A. ViewAllConcern 003, Upvote a concern, Severity 2

- B. Reporter click “upvote” button next to a specific concern
- C. Popup “upvote successful” appears, upvote count number increases by 1

<Functionality>

- A. ViewAllConcern 004, Upvote a concern multiple times, Severity 2 //boundary case
- B. Reporter click “upvote” button for a concern the second time
- C. Vote number for this concern decreases by 1

<Equivalent Class>

- A. ViewAllConcern 005, Accessing Concerns with URL, Severity 1
- B. Access view concern URL without logging in
- C. Popup “You might not have access to the concern. Please log in” dialogue

7. ViewRelatedConcern

<Functionality>

- A. ViewRelatedConcern 001, Agent View Directed Concern, Severity 2
- B. Agent click “concern directed to me” tab
- C. Concern Page appears with all the concerns directed to this agent

<Functionality>

- A. ViewRelatedConcern 002, User View Sent Concern, Severity 1
- B. Reporter click “View sent concern”
- C. Concern Page appears with all the concerns sent by this reporter

8. RespondConcern

<Functionality>

- A. RespondConcern 001, Respond page redirection, Severity 2
- B. Click “respond” button next to a specific concern
- C. Reporter gets redirected to a concern respond page

<Functionality>

- A. RespondConcern 002, Fill response field, Severity 2
- B. Fill in the fields of response, then upload some additional files, then hit submit
- C. Reporter gets redirected to previous page

<Equivalent Class>

- A. RespondConcern 003, Submit blank response, Severity 2
- B. Leave the response field blank and hit submit

- C. Popup “Response cannot be blank!” appears

9. ProfileEdit

<Functionality>

- A. ProfileEdit 001, Click Profile Page, Severity 2
- B. Click “profile page” button
- C. Direct to profile page

<Boundary Value>

- A. ProfileEdit 002, Profile Picture, Severity 1
- B. Click “change profile picture” button in the profile page and select picture exceeds restricted maximum size from local and then upload the picture
- C. Popup “image exceeds maximum size”

<Equivalent Class>

- A. ProfileEdit 003, Profile Picture Format, Severity 1
- B. upload an unsupported format files for profile pictures\(.exe, .bin, etc)
- C. Popup “Invalid image format” appears

<Functionality>

- A. ProfileEdit 004, General profile text field, Severity 2
- B. Click “My profile”, then click “Edit”, then make changes to the fields, then hit submit
- C. Confirm dialogue appears, user gets redirected to previous page after clicking confirm

10. EditConcern

<Functionality>

- A. EditConcern 001, Edit concern with right authorization, Severity 2
- B. Reporter click “edit” button in the concern page and do some edits, and click “save”
- C. Popup “Success! Concern has been edited” dialogue

<Functionality>

- A. EditConcern 002, Remove concern, Severity 2
- B. Click “Delete concern” button
Click “Confirm deletion” button

- C. Display “Successfully delete concern!” dialogue

<Functionality>

- A. EditConcern 002, Edit concern, Severity 2
- B. Reporter edits content of the concern
 - Click “Submit edition” button
 - Click “Confirm edition”
- C. Display “Successfully edit concern!” dialogue

<Functionality>

- A. EditConcern 003, Interrupt edit concern, Severity 2
- B. Reporter edits content of the concern
 - Click “close” button
- C. Direct back to the previous page

11. ViewProfile

<Functionality>

- A. ViewProfile 001, view agent’s profile, Severity 1
- B. User search a registered agent by agent name and then click search
- C. Profile page of that agent has appeared.

<Equivalent Class>

- A. ViewProfile 002, view non-registered agent’s profile, Severity 1
- B. User search an an unregistered agent by agent name and then click search
- C. User not found information will appear.

<Equivalent Class>

- A. ViewProfile 003, view non-register reporter’s profile, Severity 2
- B. User search an an unregistered reporter by username and then click search
- C. User not found information will appear.

<Functionality>

- A. ViewProfile 004, view reporter’s profile, Severity 2
- B. User search an an registered reporter by username and then click search
- C. Profile page of that user has appeared.

12. ConcernRedirect

<Functionality>

- A. ConcernRedirect 001, Agent Click button, Severity 2
- B. Click "Re-direct" button
- C. Display list of agent to select form

<Functionality>

- A. ConcernRedirect 002, Select valid agent, Severity 2
- B. Select another agent to direct to solve concern
Click "Submit redirect request" button
- C. Redirect to profile page
Display "Redirect success!" dialogue

<Boundary Value>

- A. ConcernRedirect 003, Select no agent, Severity 2
- B. Select no agent
Click "Submit redirect request" button
- C. Display "Please select some agent" dialogue

<Functionality>

- A. ConcernRedirect 004, Other agent receive concern, Severity 2
- B. Login the selected redirect agent of the concern, view the concerns reported to them.
- C. Show the redirected concern to the agent.

13. SearchConcern

<Functionality>

- A. SearchConcern 001, Enter valid keyword, Severity 2
- B. Input valid keyword in search box
Click "Search"
- C. Display corresponding fuzzy search result in the correct order

<Boundary Value>

- A. SearchConcern 002, Enter blank keyword, Severity 2
- B. Input nothing
Click "Search"
- C. Display all concerns

<Equivalent Class>

- A. SearchConcern 003, Enter potentially dangerous keyword, Severity 1
- B. Input "drop table"
- C. Display search result containing "drop table", but DON'T actually drop table

14. ResetPassword

<Functionality>

- A. ResetPassword 001, Click reset button, Severity 1
- B. Click on “Reset Password” button
- C. Redirect to forget password page

<Functionality>

- A. ResetPassword 002, Enter valid email address, Severity 1
- B. Enter valid email address
Click on “Confirm Email” button
- C. Send reset password link to the user’s email
Display “An email has been to sent to your mailbox, if email is correctly entered”
dialogue

<Functionality>

- A. ResetPassword 003, Click Reset Password link, Severity 1
- B. Click on reset password link in email
- C. Redirect to reset password page

<Functionality>

- A. ResetPassword 004, Submit valid password, Severity 1
- B. Enter valid new password
Click “Submit password” button
- C. Redirect to login page
Display “Password reset success!” dialogue

<Equivalent Class>

- A. ResetPassword 005, Submit invalid password, Severity 1
- B. Enter the old password
Click “Submit password” button
- C. Display “Your new password should not be the same as your old one” dialogue

<Equivalent Class>

- A. ResetPassword 006, Enter invalid email address, Severity 1
- B. Enter “asjdklfjlkjaskldf”
Click “Confirm Email” button
- C. Display “invalid email” below the bottom of the email field.

15. Invalid Address

<Functionality>

- A. InvalidAddress 001, Access invalid network address, Severity 1
- B. Enter address of certain page without login
- C. Popup "Please login. You might not have the access to the current page" dialogue
Redirect to 403 page.

16. View History

<Functionality>

- A. ViewHistory 001, View edition history, Severity 3
- B. User click "View Concern" button
- C. Display concern edit history in a pop up box

17. View Statistic

<Functionality>

- A. ViewStatistic 001, View Concern Statistic, Severity 3
- B. User click "View Statistic" button
- C. Display concern statistic in a pop up box

<Functionality>

- A. ViewStatistic 002, View Profile Statistic, Severity 3
- B. User click "View Statistic" button
- C. Display concern statistic in a pop up box

18. Concern Resolved Status

<Functionality>

- A. ConcernResolvedStatus 001, Agent Resolve Action, Severity 2
- B. Agent click "Resolved" button
- C. Concern status changed to "Resolved"

<Functionality>

- A. ConcernResolvedStatus 002, Reporter Resolve Action, Severity 2
- B. Report click "Reject solution" button
- C. Concern status changed to "Unresolved"

19. Admin Inspect

<Functionality>

- A. AdminInspect 001, Need Admin to Inspect, Severity 2
- B. A concern is downvoted too many times, exceeding the max downvote number admin set or considered illegal to society by admin
- C. Admin remove this concern from database