

ReportIt User Manual

Project title: ReportIt

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1 Instructions for 'How to run your product' (15 points)

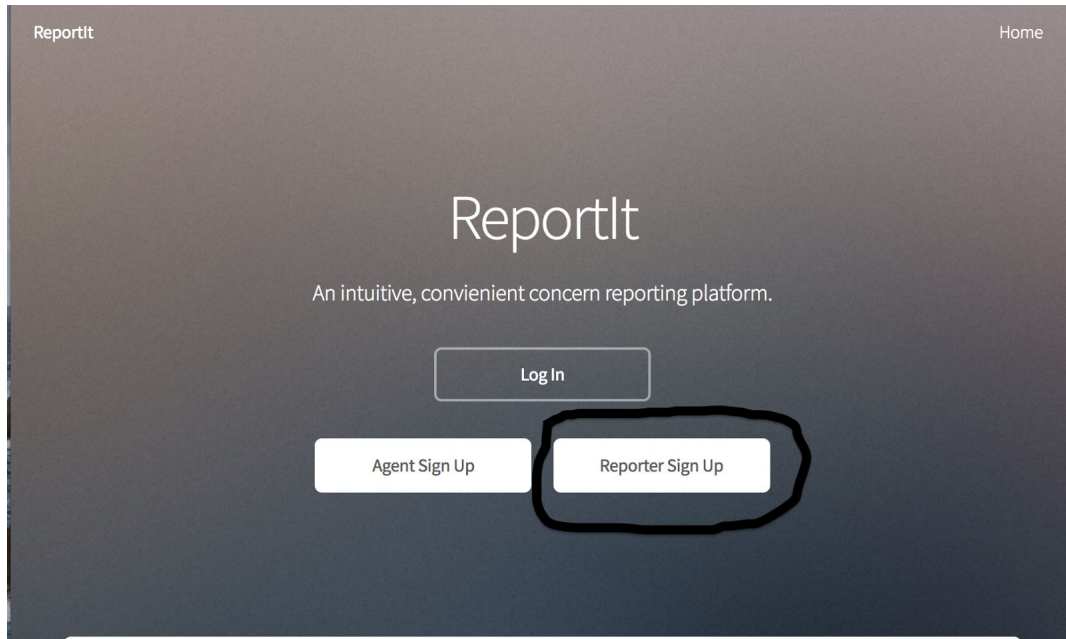
Specify a well-dened set of instructions, so that other team can test your product without a lot of trouble. Make sure to include in it:

- the architectural dependency and the resources requirement to run your program (e.g., 32 bit or 64 bit JVM). If during development you use an emulator (like an android emulator), a specic database configuration, external libraries, etc., be sure to provide everything needed for testing in this set of instructions, including directions about how to access such things.
- user manual (e.g., in case of games and other applications where certain inputs have a special meaning to the program, specify such inputs and their meaning and their acceptable values).

1. Visit the project website:

- <https://cs408-reportit.herokuapp.com/>
- The ideal browser:
 - Chrome

2. Sign up as a reporter:

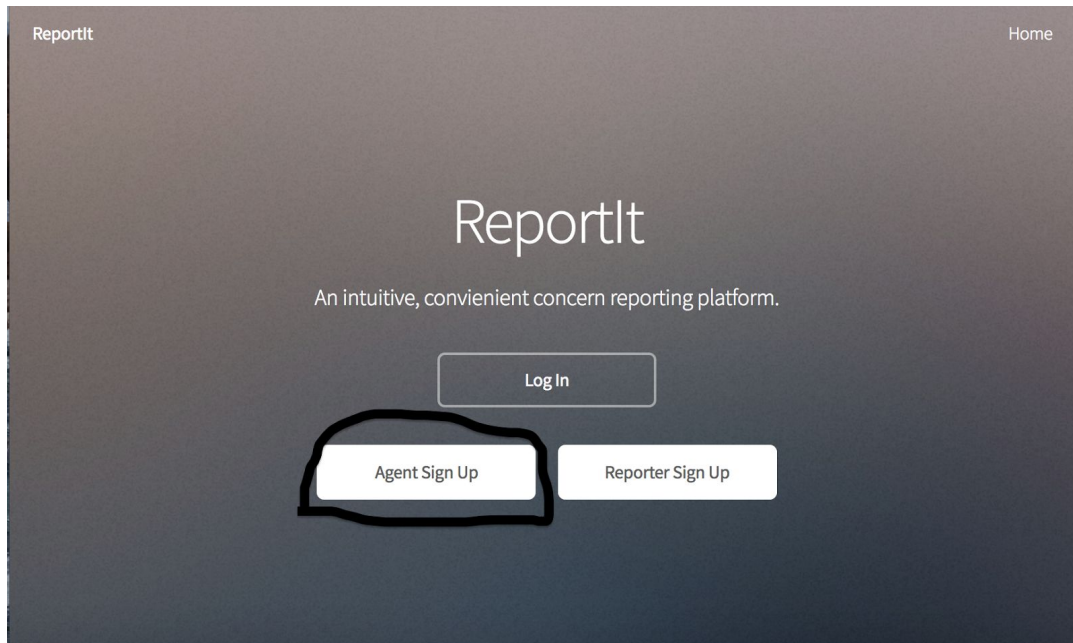


In signup page:

- a. Username:
 - Alphanumeric
- b. Email:
 - Only one account can be registered with each email
 - Input email should be valid (Cannot be random character sequence)
- c. Password:
 - A combination of numerical, digital and capitalized value is expected
 - Should be less than 300 characters in length
- d. Password confirmation:
 - Should be an exact match to the password input above
- e. Legal name:
 - It is optional
 - Should be less than 100 character in length

- f. Phone number:
 - It is optional
 - Phone number has to should be valid and in the right format
- g. Address:
 - It is optional
 - Address should be valid
 - It should be less than 300 characters in length
- h. About:
 - It is optional
 - It should be less than 300 characters in length
- i. Fill in the optional information & click "Submit" button
- j. You will be redirected to the home page
- k. All fields not labeled as "Optional" should be filled in.
- l. If the page is not automatically jumped, you should check for any red error message

3. Agent sign up:



- a. Username:
 - Alphanumeric
- b. Email:
 - Only one account can be registered with each email
 - Input email should be valid (Cannot be random character sequence)
- c. Password:
 - A combination of numerical, digital and capitalized value is expected
 - Should be less than 300 characters in length
- d. Password confirmation:
 - Should be an exact match to the password input above
- e. Legal name:
 - should be valid and less than 100 characters in length
- f. Phone number:
 - Phone number has to should be valid and in the right format
- g. Address:
 - Address should be valid
 - should be valid and less than 300 characters
- h. Agent verification file:

- Will be automatically filled in once the file is uploaded with “upload” button below
- File input should be disabled
- Agent will be able to check the correctness of uploaded file with the URL automatically filled in the input box
- Agent should be able to re-submit the verification file later on
- File should be of less than 100 KB in size
- File type is limited to .tif, .jpeg, .jpg, .png, .pdf, .gif

i. About:

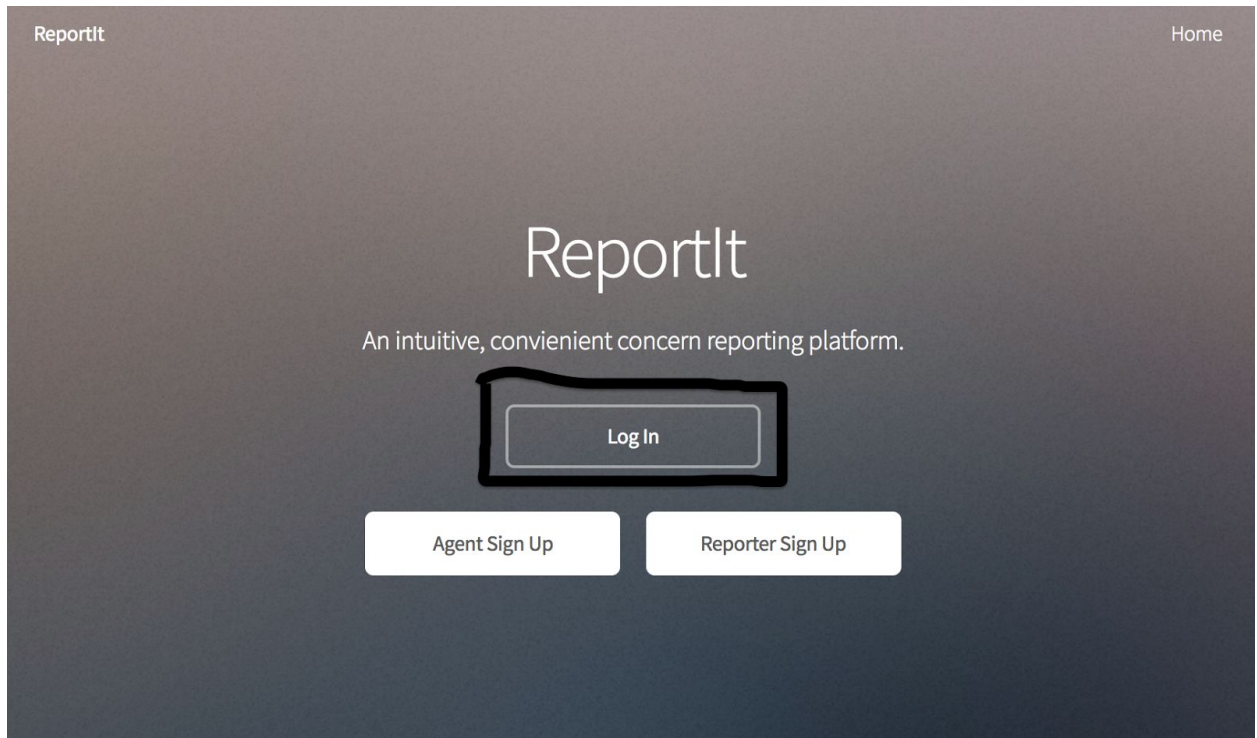
- Briefly introduce the Agent information.
- It should be less than 300 characters in length

j. Fill in the optional information & click “Submit” button

k. You will be redirected to the home page

l. If the page is not automatically jumped, you should check for any red error message

4. Sign in as Reporter:



- a. Username:
 - Alphanumeric value, should match the username you created
- b. Password:
 - Should match the password you created

5. Reporter Submit Concern:

- a. Submit concern to the selected agency
- b. Reporter should be the only account type capable of sending concern.
- c. Reporter must choose at least agent to sent concern.
- d. Reporter can choose multiple concern.
- e. Title: should be alphanumeric less than 500 characters length.
- f. Target Agency:
 - i. A list of registered agent should pop up
 - ii. Only the valid agent name (registered) should be submitted and saved
 - iii. At least one agent needs to be selected, Upon submitted, agent should be able to receive email notification on new concern directed towards them.

- g. Attach Image:
File being uploaded should be of format (.tif, .jpeg, .jpg, .png, .pdf, .gif)
- h. Content:
Should be alphanumeric less than 500 characters length.

6. View/Edit Profile

- Click 'View {username}'s profile' on sidebar to view profile
- Click 'Edit' to edit profile
- a. Username and email are not allowed to edit
- b. Other fields are allowed to edit, and should be updated when click 'update', changes should be discarded when click 'cancel'
- c. Phone Number should be in a phone number format

7. Reporter View My Concern

- a. View **only** the concerns submitted by the current reporter.
- b. User should be able to find **all** concerns they submitted
- c. "View" button: clicking this, reporter can see the details and get to edit this concern and mark concern as solved

8. Agent View My Concern

- a. View only the concerns directed to the current agent
- b. Agent should be able to find all concerns directed to him or her
- c. "View" button: clicking this, agent can see the concern details mark concern as solved/duplicate, and respond to a concern

9. Search Concern

- a. Search the keyword among all concerns posted
- b. The website uses Fuzzy search in searching

10. Edit Concern

- a. Edit a concern that has originally been submitted by the user
- b. All required field remain required after edition

11. Third party login

- a. Google login
 - i. User can login with our website with his Google account
Only reporter can login with Google account.

- ii. Only one account should be used when registering ReportIt account
- b. Facebook login
 - i. User can login with our website with his Facebook account
 - ii. Only reporter can login with Facebook account.
 - iii. Only one account should be used when registering and logging in ReportIt account

12. Reporter View All Concern

- a. All non-solved concerns should be displayed
- b. Remove field: you could remove concerns sent by you by clicking it, this is only applicable for reporter
- c. Upvote field: you could upvote a concern by clicking it, this is only applicable for reporter. For each concern, each reporter can only upvote once. If the reporter double click the 'upvote' button, then, it should be regarded as 'downvote'.

13. Agent View All Concern

- a. All non-solved concerns should be displayed
- b. Report field: hyperlink to the reporter's profile
- c. Agent field: hyperlink to the agent's profile
- d. View field: this will direct you to a single concern page
- e. Agent should be able to upvote concern for each concern once
- f. Only concerns that are labeled as "unsolved" should be visible to agent.

14. Reporter View Single Concern

- a. "Edit Concern" button for the reporter to edit this concern
- b. "Mark as Resolved" button can be used to mark this concern resolved if this concern is resolved itself

15. Agent View Single Concern

- a. Resolved field: its default value is "false", and when an agent clicks "Mark as Solved", this field should be "true"
- b. Respond Concern: if the concern is directed to the current agent, the current agent is able to respond the concern. A concern can be responded multiple times. This feature is only for agent.

- c. Mark as Duplicate: This button sets this concern to be duplicate and a suggested concern post URL will be displayed at the reporter's side on this concern