

Roya Survey

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Pretest questions

1. How many years have you used a computer? _____
2. How many years have you used a smartphone? _____
3. Please indicate your level of agreement to the follow statement: I am very interest in the testing of this application.
 - a) Strongly agree
 - b) Agree
 - c) Neutral
 - d) Disagree
 - e) Strongly disagree

Test scenario 1

1. Test scenario name

Login

2. Test Goals for the scenario

The goal of this scenario is to test the login and going to the home page. Another goal of this test is to test the response of the application if the wrong login information is provided.

3. Quantitative measurement list

- a) The time user needs to login into the application.
- b) The number of times user cannot login.
- c) The time user needs to go home page.
- d) The number of times users find the task difficult and ask test coordinators for help.

4. Scenario description

Assuming a user wants to submit some photos or information. For that, first user go to login page. The participant enters the login information and tries to login. After successful login, the user can view the data submitted by the other users.

5. Task list

The participant will perform the following tasks.

- a) Find the correct button to login
 - b) Fill up the user name and password
 - c) Press login button
 - d) After successful login, the user can view submitted data.

6. Qualitative measurement list

- a) Facial expression of user while waiting for login
- b) Comments by user
- c) User's attention in the application
- d) Comfort of user

7. Potential observations of participant

- a) How user or participant is reacting with the application.
- b) How the participant is giving attention to the task.
- c) User comments for improving login interface

8. Bug Report Form

| Bug number | Bug name | Bug uniqueness | Bug location | Bug description |
|-------------------|-----------------|-----------------------|---------------------|------------------------|
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9. Post Scenario interview or questionnaire questions

- a) Do you like the interface of login?
- b) Did you have to wait for too long to login the home page?

10. Test set up details

Open the application in browser and navigate to main page.

Test scenario 2

1. Test scenario name:

Create new submission

2. Test Goals for the scenario

Assume that a user want to submit an issue. For that he/she will submit some infected leaves. To submit infected leaves, first user have to select location. And after the leaves page loads, make them select 5 leaves as infected - two in the top row, two in the middle row and one in the last row.

3. Quantitative measurement list

- a) Time taken to find new submission button
- b) Time to find location button and search box
- c) Time taken to enter the leaf selection page
- d) Time taken to select 5 leaves as infected
- e) Time taken to save the selected data and return to the previous page
- f) How many times the user clicks a leaf more than once without waiting the time taken for the selection appears
- g) Overall time taken for the entire scenario

4. Scenario description

This is read to the participant “Assume that you find an infected plant in a specific region of where you are living. And you find two leaves in the top row, two leaves in the middle row and one leaf in the last row as infected. After finding infected leaves, you plan to create new submission by providing such information.”

5. Task list

The participant will perform the following tasks.

- a) Select new submission
- b) Enter location
- c) Selected two infected leaves in the top row
- d) Select two infected leaves from the middle row
- e) Select two infected leaves from the last row
- f) Click save to return to the previous step

6. Qualitative measurement list

- a) The facial expression of user
- b) Comments about this feature of user
- c) User's attention in the application
- d) User's comfort while entering information

7. Potential observations of participant

- a) How user or participant is reacting with the application.
- b) How the participant is giving attention to the task.
- c) How the participant is being distracted by other elements of the application.

8. Bug Report Form

| Bug number | Bug name | Bug uniqueness | Bug location | Bug description |
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9. Post Scenario interview or questionnaire questions

- a) What does the user think about the interface while selecting the infected leaves ?
- b) Does the user have any comments about the scenario?

10. Test set up details

The test will be conducted in an environment where enough lighting is available and the user can clearly see all the leaves.

Test scenario 3

1. Test scenario name:

Update submission

2. Test Goals for the scenario

Assume that a user want to update a submission. For that he/she will submit some infected leaves and then update the submitted data.

3. Quantitative measurement list

- a) Time taken to find edit button
- b) Time to modify the submitted information
- c) Time taken to save the selected data and return to the previous page
- d) How many times the user clicks a leaf more than once without waiting the time taken for the selection appears
- e) Overall time taken for the entire scenario

4. Scenario description

This is read to the participant “Assume that you find an infected plant in a specific region of where you are living. And you find two leaves in the top row, two leaves in the middle row and one leaf in the last row as infected. After finding infected leaves, you plan to create new submission by providing such information. After submitting that information, you find an error in the submission. So you modify the submitted data using edit option.”

5. Task list

The participant will perform the following tasks.

- a) Select new submission
- b) Enter location
- c) Selected two infected leaves in the top row
- d) Select two infected leaves from the middle row
- e) Select two infected leaves from the last row
- f) Click save to return to the previous step
- g) Edit the submission
- h) Select two three infected leaves instead of two.
- i) Update the submission

6. Qualitative measurement list

- a) The facial expression of user
- b) User's comments about this feature
- c) User's attention in the application
- d) User's comfort while entering information

7. Potential observations of participant

- a) How user or participant is reacting with the application.
- b) How the participant is giving attention to the task.
- c) How the participant is being distracted by other elements of the application.

8. Bug Report Form

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9. Post Scenario interview or questionnaire questions

- a) What does the user think about the interface while selecting the infected leaves ?
- b) Does the user have any comments about the scenario?

10. Test set up details

The test will be conducted in an environment where enough lighting is available and the user can clearly see all the leaves.

Test scenario 4

1. Test scenario name

Delete submission

2. Test Goals for the scenario

Assume that a user want to delete a submitted data.

3. Quantitative measurement list

- a) Time taken to find delete button
- b) Time to delete submitted information
- c) Overall time taken for the entire scenario

4. Scenario description

This is read to the participant “Assume that you find an infected plant in a specific region of where you are living. And you find two leaves in the top row, two leaves in the middle row and one leaf in the last row as infected. After finding infected leaves, you plan to create new submission by providing such information. After submitting that information, you find an error in the submission. So you want to delete the submitted data using delete option.”

5. Task list

The participant will perform the following tasks.

- a) Select new submission
- b) Enter location
- c) Selected two infected leaves in the top row
- d) Select two infected leaves from the middle row
- e) Select two infected leaves from the last row
- f) Click save to return to the previous step
- g) Delete the submission
- h) Select two three infected leaves instead of two.
- i) Press yes while pop-up shown

6. Qualitative measurement list

- a) User’s facial expression

- b) User's comments about this feature
- c) User's attention in the application
- d) User's comfort while updating information

7. Potential observations of participant

- a) How user or participant is reacting with this feature.
- b) How the participant is giving attention to the task.
- c) How the participant is being distracted by other elements of the application.

8. Bug Report Form

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9. Post Scenario interview or questionnaire questions

- a) What does the user think about the interface while selecting the infected leaves ?
- b) Does the user have any comments about the scenario?

10. Test set up details

The test will be conducted in an environment where enough lighting is available and the user can clearly see all the leaves.

Test scenario 5

1. Test scenario name

Identifying the fungus rating of infected leaves

2. Test Goals for the scenario

The goal of this scenario is to familiarize the user with level of infection. Make the user understand the level of infected leaves by reading the about section first and show them a set of similar leaf images and to estimate the level of understanding given by the about section description.

3. Quantitative measurement list

- a) Time taken by the user to read through the about section
- b) Number of leaves identifies correctly by the user matching the level of infection
- c) Number of leaves incorrectly identified by the user
- d) Average Time taken by the user to identify the level of an infected leaf

4. Scenario description

This is read to the participant “ Click the About button and read through the information provided in the section. Carefully examine the images of the infected leaves and the levels of infections. After this you will be asked to identify certain leaves which are infected and you need to mention the levels of infection of each such leaf.”

5. Task list

The participant will perform the following tasks.

- a) Make the user click the about section
- b) Make the user read the about section completely
- c) Provide a list of images of infected coffee leaves which are infected at different levels
- d) Make the user select the level of infection for each such leaf

6. Qualitative measurement list

- a) Is the user clear enough with the description given for infected leaves?
- b) How easily the user identifies the infected leaves
- c) User's face expressions while selecting the levels of infected leaves
- d) Does the user get confused at any point doing the test scenario?

7. Potential observations of participant

- a) Does the user feel enough information has been provided to clearly understand the different levels of infection in coffee leaves?
- b) General comment on the about section and how it can be improved to be more clear

8. Bug Report Form

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9. Post Scenario interview or questionnaire questions

- a) Was the user stressed at any point while identifying the levels of infection in the sample leaves ?
- b) Were right colors used to depict different levels of infection?

Test scenario 6

1. Test scenario name:

View past submissions

2. Test Goals for the scenario

The goal of this scenario is to view the all post and get some idea after analyzing this. To ensure that the users can comfortably view their past submissions from the submissions section, this scenario has been designed.

3. Quantitative measurement list

- a) Time taken by the user to view a submission.
- b) Time taken to view the comment(solution).
- c) Number of times the user clicks on the wrong submission by mistake and click the back button

4. Scenario description

This is read to the participant “Assume there are some submission and with each submission there are solution. You want to analyze similar post. You open some submission and read the expert solution from the submission”.

5. Task list

The participant will perform the following tasks.

- a) Click submissions button
- b) Scroll down to view the all submission
- c) Make the user identify the location of the submission
- d) Make the user identify the level of risk of the infected leaves submission made

6. Qualitative measurement list

- a) Note the facial expressions of the user while searching for the required submission
- b) How easy is it to scroll down the list of submissions for the user ?
- c) Does the user get confused at any point of the scenario process ?

7. Potential observations of participant

- a) Get general comments from the user about the submissions section
- b) Any difficulties in viewing the past submissions
- c) Suggestions to get more clarity on finding submissions application.

8. Bug Report Form

| Bug number | Bug name | Bug uniqueness | Bug location | Bug description |
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9. Post Scenario interview or questionnaire questions

- a) How easy was it to scroll down to the past submissions ?
- b) Were you finding it difficult to reach the required submission ?

Post test questions

1. Please indicate your level of agreement to the follow statement:

Overall, this web application was easy to perform the task.

- a) Strongly agree
- b) Agree
- c) Neutral
- d) Disagree
- e) Strongly disagree

2. Please indicate your level of agreement to the follow statement:

I enjoy using this web application.

- a) Very much
- b) A little bit
- c) Neutral
- d) Not very much
- e) Not at all

3. Please indicate your level of agreement to the follow statement:

I would use this web application again.

- a) Strongly agree
- b) Agree
- c) Neutral
- d) Disagree
- e) Strongly disagree