TEST CASES FOR TESTING THE FUNCTIONALITY FOR TRUECALL

FUNCTIONAL TESTING

1. Installing and running the application  
 2.Field level and form submission testing  
 3.Business functionalities testing

4. Interruptions testing  
 5. Constant users feedback testing  
 6. App update testing  
 7.Device resource utilization testing

8. Audio compatibility

a. Check the audio device driver

b. Check the microphone device

9. video camera compatibility check

a. Check the video camera

b. Check the camera drivers

10. Testing for login functionality

**a.** Enter valid details and click Submit.  
b. Leave Username field empty. Click Submit.  
c. Leave the password field empty and click Submit.  
d. Choose an already logged in username/password and click Submit

11. Testing logout functionality

12.checking image upload functionality

USER INTERFACE TESTING

1. Ensuring the app’s compliance with the specified standards of UI

2. verifying widely used screen resolutions: 640 × 480, 800 × 600, 1024 × 768, 1280 × 800, etc.

3. Ensuring responsiveness of the mobile application across different device types.  
4. Testing all the design elements in the GUI: buttons, icons, colours, links, layout, text boxes, text formatting, buttons, lists etc.  
5. Ensuring that any banners or advertising do not overlap on application control buttons.

COMPATIBILITY TESTING

1. OS Configuration  
2. Browser Configuration  
3. Database Configuration  
4. Device Configuration  
5. Network Configuration

SECURITY TESTING

1.Ensure user login and logout successfully

2.Ensure DOS and DDOS attack

3.Protection from malicious hackers

4. Protection from cross site forgery attacks

5. Protecting the application from malicious attacks from hackers  
6. Protecting the system from malicious CSS (cross site scripting) attacks  
7. Preventing potential malicious consequences of file caching  
8. Examining user uploaded files and preventing any possible harmful effects  
9. Analyse system files and identifying and fixing vulnerabilities  
10. Preventing possible malicious consequences of cookies

USABILITY TESTING

1.User satisfaction

2.Application Efficiency

3.Overall Effectiveness

– Making sure that the buttons are not of too small size

– Verifying that the mobile app works in multitasking mode, when necessary  
 – Checking that the navigation work as expected

– Verifying the colour of different screen elements and making sure that they are

as per design.  
 – Ensuring that the text size is enough to make them visible to the user

PERFORMANCE TESTING

1.Load Testing: Testing the application in normal as well as extreme condition

2.stress testing

3.Stability Testing: Checking the stability of the application

4.concurrency testing

RECOVERY TESTING

1. Verifying that the application is able to recover after unforeseen crashes  
 2. Ensuring the app is able to recover data after a network connection failure

LOCALIZATION TESTING

1.Ensure that the application support different languages

2.Ensure that the translation is applicable