

# Test Cases for Whatsapp

Two types of Test cases are there:

1) Positive Test Cases

2) Negative Test Cases

A) Positive Test Cases are:

1. Installation Testing

2. UI Testing: or Design based Testing

3. Usability testing

4. Functional Testing

5. Non Functional Testing

6. Performance and load Testing

7. Security and Compatibility testing

**Let's explain one by one:**

## 1. Installation Testing:

1) Check that a user can download the WhatsApp application from Play Store or App store or not.

2) Check that a user can register with a new mobile number.

3) Check that user is getting a verification code on his mobile when he/ she register with a new mobile number.

4) Check that after filling the verification code application verifies the new user account.

5) We will also check that how many incorrect attempts are allowed while filling the verification code.

6) Check that after successful registration on application all the contacts in user's contact directory must show on WhatsApp contact list if they are using WhatsApp application.

7) Check that if mobile number is already register on application then the new account registration must not allowed with the same mobile number.

## 2. UI Testing: or Design based Testing:

Each mobile application is unique in design and follows a particular pattern for the design. So we have to write the test cases for the same.

1) Does the WhatsApp follow the design specification?

2) Does the WhatsApp application have the colour as per specification?

3) Does the logo of the app is properly as per the design specification?

4) Check if the dimension (Check that length, breadth and other size specifications of the WhatsApp logo ) of the WhatsApp as per mentioned in the requirement.

5) Check that Chat Section is available or not.

6) Check that Status Section is available or not.

7) Check that Call Section is available or not.

8) Check that Search is available or not.

9) Check that Search is available or not.

### **3. Usability testing :**

1. Check that the WhatsApp is very easy to use.
2. Check that all section available on screen like search, chat, status, contacts and calls,
3. Check that all section available on screen like search, chat, status, contacts and calls are easy to use
4. Check that user can use all section separately.
5. Check that it shows count of unread messages contact and group wise.

### **4. Functional Testing**

A) Test Case on Status:

- 1) Check that user can set DP (Display Picture).
- 2) Check that user can update the DP (Display Picture).
- 3) Check that user can set status on WhatsApp.
- 4) Check that user can update the Status on WhatsApp.
- 5) Check the Status privacy and settings.
- 6) Check that user can change the status privacy means who can see the status, options are: My contact, My contact except and only share with
- 7) Check that recent updates are available or not(status updated by contacts):

B) Test Case on Chats:

Here we can divide test cases in two sections:

i) Test Case on Individual Chats

- i. Check that Chats window contains the entire chat list.
- ii. Check that Chats window contains all the chater users (contacts) with DP if available.
- iii. Check that Chats window show the contact number of the person whose number is not saved in mobile.
- iv. Check that Chats window contains the users (contacts) whose DP is not available.
- v. Check that Chats window contains the group chat list.
- vi. Check that Chats window show the name of all the contacts available on Chats window.
- vii. Check that Chats window shows the last updated chat time
- viii. Check that when we click a chat in the chat list then a new window must open that containing all the chats history
- ix. Check that user can check all messages delivered and received.
- x. Check that user can check the read or send time of the message.

xi. Check that user can send and receive text in chat to individuals.

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