

TEST REPORT using MNEMONICS for Facebook mobile application

Application : Facebook Version 24.0.0.30.15

Device Tested: Huawei Honor Holly & iPhone 5s

Operating System: Version 4.4.2 (Kit Kat) & iOS 8.1.2

MNEMONICS Used: **I SLICED UP FUN**

Inputs, Store, Location, Interactions/Interruptions, Communications, Ergonomics, Data, Usability, Platform, Function, User Scenarios, Network.

Input:

Incase of Facebook the list of inputs are as follows:

- Post.
- Media content (Photos, Videos).
- Sharing a video / blog from a website.

Tested all the above scenarios on android & iOS platform.

Store:

Facebook application is available in the following stores:

- App store
- Windows store
- Android play store
- Blackberry store

Location:

A location or the current location can be tagged in Facebook.

Interruptions:

Since we are testing Facebook mobile application, the user may get a message / incoming call as an interruption.

Tested the app by getting an incoming call, incoming message, incoming whatsapp ping & google video chat.

Communications:

User can communicate with other users using the Facebook messenger application and can view the chat history from Facebook application itself.

Able to chat with friends using messenger application.

Ergonomics:

Since the mobile screen is small, the screen is casted on a windows machine using android screencast application.

Data:

- Tested by typing a post in different languages (Thai, arabic, Korean).
- Tested by uploading a picture with different codecs (jpg, png, gif).
 - The animations displayed in gif file is not displayed in the post.
- Able to upload a file up to 212 MB.

Usability:

The posts are posted immediately and the app is user friendly.

User is unable to reply to chat message within the Facebook application and the user is asked to download “Messenger” app to response to any chat which causes inconvenience to end user.

Platform:

Tested the Facebook application on android & iOS platforms.

Facebook application also supports Windows, blackberry platforms. The app is also available in HTML 5 to support symbian mobile.

Function:

Able to do the following items in Facebook application:

- Update status
- Upload a photo
- Check In to find a restaurant near my location
- The list of friend requests
- Notifications
- More (which includes Update info, friends, events, manage Group etc).

User scenarios:

There are many scenarios tested in Facebook since the application is very big, hence some of the scenarios are shared here:

- Share a offline post while the network is turned OFF and confirm the post is shared in Facebook while the device is connected to network.
- Tag a group in which the user is not a member.
- Create a new group.
- Delete a friend request.
- Type in a post and lock the screen before posting it and confirm still the edited text is displayed in the post.
- Turn OFF chat using settings option.

Network:

- Launch the application while the network is turned OFF and confirm a proper error message is displayed.
- Connect to a slow network and post a video to confirm network error message is displayed if the video is not uploaded.
- Verify proper error message is displayed by selecting “Check in” while the network is turned OFF.
- Tap on Check in option while the location service is turned OFF to confirm the user to turn on the location services.