

**Software Requirement Specifications**

**For Facebook**

**Functional Requirements**

**Add Post, Add Story and Messaging Module**

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## 1. Introduction

This document is an abbreviated version of the software requirement specification for Facebook. This document gives a basic description of the functional requirements of Add Post, Add Story, and Messaging Modules in Facebook Mobile Application.

Facebook is a social networking platform that provides both web and mobile application interfaces, offered by Meta. Also, both interfaces provide a messaging service. This service is delivered as an independent native application, known as Facebook Messenger. Facebook and Facebook Messenger come in both mobile and desktop versions.

In this document, we are only discussing the functional requirements of the mobile application version of Facebook and Facebook Messenger. The following sections give a basic description to the functional requirements of Add Post, Add Story and Messaging Modules.

## 2. Specific Requirements

This section briefly states the functional requirements of Add Post, Add Story and Messaging module in Facebook and Facebook Messenger Mobile Applications.

### 2.1. Add Post

This section briefly states the functional requirements of the Add Post module in Facebook Mobile Application.

**FR 1.1** The user must be able to add a post with one of the following privacy setting:

1. Public
2. Private (Only me)
3. Friends
4. Friends, except a list of selected friends
5. Specific list of friends

**FR 1.2** The user must be able to create a post with the following content:

1. Text with maximum 33000 characters.
2. GIF
3. Music
4. Photo(s) from device camera
5. Video(s) from device camera
6. Photo(s) from camera roll
7. Video(s) from camera roll
8. A combination of one or more of the above content

With maximum 10 photos or videos in a post.

**FR 1.3** The user must be able to create a post with a feeling or an activity but not both.

**FR 1.4** The user must be able to share his/her “check in” information.

**FR 1.5** The user must be able to start a live video and post it on his/her profile.

**FR 1.6** The user must be able to Tag people in the post.

## **2.2. Add Story**

This section briefly states the functional requirements of the Add Story module in Facebook Mobile Application.

**FR 2.1** The user must be able to add a post with one of the following privacy setting:

1. Public
2. Friends
3. Friends, but hide from a list of selected friends
4. A custom list of friends

**FR 2.2** The user must be able to add the following content to the story:

1. Text
2. Selfie
3. photos and Videos using front or back camera
4. photos and videos from camera roll
5. Music
6. Some of the above options may be combined
7. Boomerang
8. Photo collage

**FR 2.3** The user must be able to use with photos and videos green screen effect

**FR 2.4** The user must be able to share the story for 24 hours.

**FR 2.5** The user must be able to share up to 5 photos in a photo collage.

**FR 2.6** The user must be able to share up to 15 item (photos and videos) in a story

**FR 2.7** Each item in a story appears for 5 seconds for a photo, up to 30 seconds for an uploaded video and up to 20 seconds for a captured video.

**FR 2.8** The user must be able to enable the option of sharing the story on Facebook

**FR 2.9** The user must be able to enable/ disable comments for stories

**FR 2.10** The stories can be commented on by the user or the user’s friends

**FR 2.11** The user must be able to view who viewed their story

**FR 2.12** A story thumbnail can be found at the top the news feed of the users profile

**FR 2.13** The user must be able to tag friends in the story

## 2.3. Messaging Functional Requirement

This section briefly states the functional requirements of the Messaging module in Facebook Messenger Mobile Application.

### 2.3.1. Messages

**FR 3.1** A user must be able to send and receive instant messages

1. The message can be send to a friend
2. The message can be send to a non-friend as a message request

**FR 3.2** A user must be able to send a message in the form of

1. Text with maximum of 33000 characters ( including emoticons)
2. Photo(s) from device camera or camera roll
3. Video(s) from device camera or camera roll
4. A quick react
5. A location
6. A Poll
7. A voice note
8. An emoticon
9. A document from your device

**FR 3.3** A user must be able to start and end an audio call.

**FR 3.4** A user must be able to accept or decline an audio call.

**FR 3.5** A user must be able to start and end a video call.

**FR 3.6** A user must be able to accept or decline a video call.

### 2.3.2. Chat Settings

**FR 3.7** A user must be able to search in a conversation from chat settings.

**FR 3.8** A user must be able to view Media, files and links from the chat panel or from chat settings.

**FR 3.9** A user must be able to share a contact with a friend from the chat settings.

**FR 3.10** A user must be able to set or change a nickname assigned to a friend in the currently open from chat settings.

**FR 3.11** A user must be able to open a secret conversation between (him/her) and a friend.

**FR 3.12** A user must be able to change notifications and sounds for the currently open chat from chat settings.

**FR 3.13** A user must be able to change the chat theme of the currently open chat from the chat settings.

**FR 3.14** A user must be able to change quick react emoticon of the currently open chat from chat settings.

### **2.3.3. Chat Options**

**FR 3.15** A user must be able to mark a chat as read from chat options

**FR 3.16** A user must be able to restrict or un-restrict a friend from chat options.

**FR 3.17** A user must be able to block or unblock a friend from chat options.

**FR 3.18** A user must be able to mute or unmute a chat from chat options.

**FR 3.19** A user must be able to delete or archive a chat.

**FR 3.20** A user must be able to open chat heads.

**FR 3.21** A user must be able to search for text in all chats

### **2.3.4. Group Chats**

**FR 3.22** A user must be able to create a group chat

**FR 3.23** A user must be able to be added to a group chat by a group chat admin.

**FR 3.24** A user must be able to leave a group chat.

**FR 3.25** A user must be able to mute or unmute a group chat.

**FR 3.26** A user must be able to start a group chat of maximum 150 users and assign admins to this group chat.

**FR 3.27** A user must be able to send and receive a message in a group chat.

**FR 3.28** A user must be able to start and end an audio call in a group chat.

**FR 3.29** A user must be able to join or leave an audio call in a group chat.

**FR 3.30** A user must be able to decline an audio call in a group chat.

**FR 3.31** A user must be able to start and end a video call in a group chat.

**FR 3.32** A user must be able to join or leave a video call in a group chat.

**FR 3.33** A user must be able to decline a video call in a group chat.

### **2.3.5. Message Options**

**FR 3.34** A user must be able to reply to a message.

**FR 3.35** A user must be able to forward a message to another conversation.

**FR 3.36** A user must be able to save an image or a video in the chat panel.

**FR 3.37** A user must be able to react to messages.

**FR 3.38** A user must be able to delete a message (he/she) sent “for me” or “for everyone”, if not received yet to the corresponding parties.