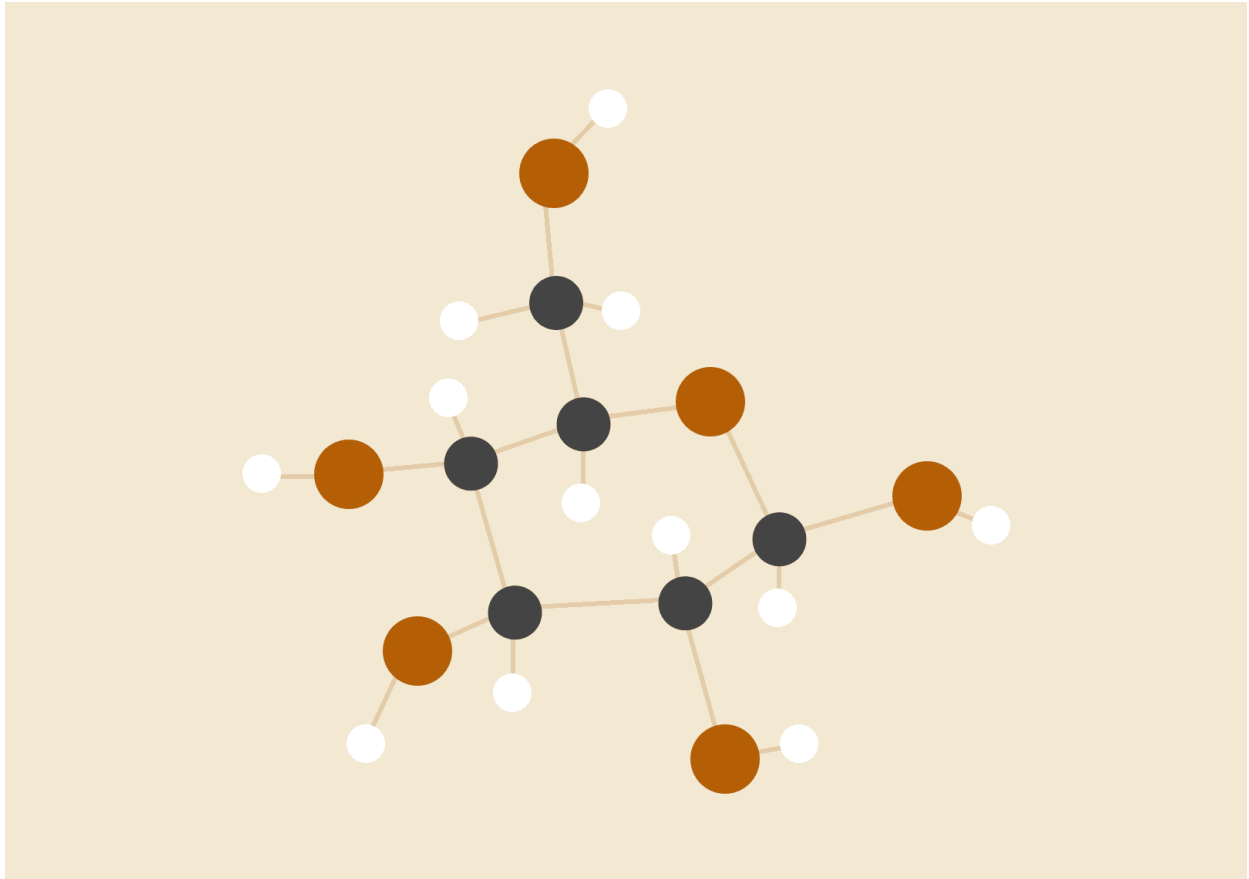# Software Requirement Specification for Facebook

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1. INTRODUCTION

SRS stands for Software Requirement Specification. This document is prepared in order to determine the software requirement specification for Facebook. Facebook is a social networking mobile application that brings you closer to the people and things you love. Connect with friends, share what you're up to, or see what's new from others all over the world. Explore our community where you can feel free to be yourself and share everything from your daily moments to life's highlights. Express Yourself and Connect With Friends Add photos and videos to your story that disappear after 24 hours, and bring them to life with fun creative tools. Message your friends with Messenger. Share and connect over what you see on Feed and Stories. Create and discover short, entertaining videos on Facebook. Post photos and videos to your feed that you want to show on your profile. Learn More About Your Interests Watch videos from your favorite Creators and discover new content through Facebook Video. Get inspired by photos and videos from new accounts in Explore. Discover brands and small businesses, and shop products that are relevant to your personal style.

2. Overall Description

2.1. Product Perspective

Facebook is an independent and world-wide network system. Every person can use it without any cost. People from different regions of the world can connect to each other via this system.

2.2. Product Function

After creating an account using Facebook people can search for each other, follow, and add them. After sending add requests they can see each other's posts such as photos, videos, news feeds etc. They can like, comment, and share each other's posts. They can also chat with each other.

2.3. User Characteristics

Facebook does not require any computer knowledge to use it. Anyone can use it very easily

2.4.   Design and Implementation

Being a social networking system it's design should be perfect and attractive. It should be secure enough so that the user's data and their personal information should not be leaked and those should be securely preserved In the system.

3.   External Interface Requirements

3.1.   Interface Requirements

Various interfaces for Facebook could be : Login Page Profile Page Home Page Explore Page Messenger

3.2.   Hardware Interface

The whole system runs over the internet. Without internet connection the system will not work. All the hardware should be connected to the internet such as wifi. Software Interface: The system is on a server so there will be some scripting languages such as PHP, HTML, VBScript etc. Database is also required for the storage purpose of any transaction like MYSQL.

4.   Specific Requirements

In this section all software requirements will explain some information to the user.

4.1.   Functional Requirements
4.1.1.   FR1: Adding Post

- You can Add a single post (Photo/Video)
- You can either use camera for a new photo/video or browse from your photos and videos
- You can Add a carousel post (share multiple photos/videos in one post only)
- You can use mix of photos and videos either by using camera for a new photo/video or browse from your photos and videos
- You can Write a caption
- You can Tag people from your friend list

- You can Add a location
- You can see a list of a nearby places to select from them or to search by your own location
- You Share to other social networks like instagram
- You can share on the binded account and if you are not binding the accounts it should ask you to bind
- you can Add Album
- You can Choose Audience
- You can Share to Instagram
- You can Add photo/video
- You can Tag people
- You can Add Feeling/activity
- You can Add Check in
- You can Use Live video
- You can Add background color
- You can Use camera
- You can Add GIF
- You can Add Music
- You can Add Tag event
- You can Add Avatar

4.1.2.   FR2 Adding Stories

- Post a single Story (Photo/Video)
- You can either use camera for a new photo/video or browse from your photos and videos
- You can use mix of photos and videos either by using camera for a new photo/video or browse from your photos and videos
- Tag people
- You can tag Friends
- Save the story to your mobile
- Share the story to friends
- Share the story to close friends
- If you didn't set the close friends list before, it will ask you for defining the list first then share

- You can search for the friend name to send him the story in the messenger
- After it is posted from 2 places Home page, and profile page
- You can view a stream of stories posted by you and your friends from the Home page, and you can reply on them
- You can add Music to Story
- You can can use Green Screen
- You can use Boomerang
- You can edit Story settings
- You can add sticker
- You Can use effects
- You can Draw
- You can use text
- You can use Enhance

4.1.3.   FR3 Messaging

- You can send messages to friends.
- You can send message requests to people who are not friends.
- You can receive messages from friends.
- You can send photos/videos/audio to friends in messages.
- You can block friends.
- You can unblock friends.
- You can delete sent messages.
- You can see all the messages in the messages tab.
- You can search for Friend messages
- You can create a new Group
- You can use Customization (Theme/Quick reaction/Nicknames)
- You can see your Active Friends
- You can Archive messages