

Software Requirement Specification

Facebook Application



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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 are up to, or see what is 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 with Reels.

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 and Reels.

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

In this section the background description of the system should have been provided.

Facebook is a social networking mobile application that brings you closer to the people and things you love.

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 and follow them. After sending follow 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 its 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.

2. 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.

3. Specific Requirements

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

4.1. Functional Requirements

- 4.1.1. FR 1 : Add New Post with text only.
- 4.1.2. FR 2 : Add New Post with image only
- 4.1.3. FR 3 : Add New Post with video only
- 4.1.4. FR4 : Add New Post with live video
- 4.1.5. FR 5 : Add New Post with Live Location using GPS
- 4.1.6. FR 6 : Add New Story With Text
- 4.1.7. FR 7 Add New Story Selfie
- 4.1.8. FR 8 Add New Post With Telegram image
- 4.1.9. FR 9 Add New Post With Facebook image
- 4.1.10. FR 10 : Send Text Message to a friend
- 4.1.11. FR 11 Send Text Message to Blocked Friend
- 4.1.12. FR 12 Send Text Message to unfriend
- 4.1.13. FR 13 : Send Message include document 4.1.8.1. Adding a Story
- 4.1.14. FR 14 : Send Message with to online friend
- 4.1.15. FR 15 : Send Message Include video

4.2. Non Functional Requirements

4.2.1. Security

The system uses SSL(secured socket layer) in all transactions that include any other confidential passenger information. The system should be so secure that it should not show any cookies regarding the password or the username of the user so that no one rather than the user can access the system.

4.2.2. Reliability

The system provides a database for storage for all kinds of devices whether it is a computer or mobile or something else. The reliability of the whole system depends on the reliability of the separate components. The system should be so reliable that it should not crash or hang during the user's use.

4.2.3. Maintainability

There are many people who are there for the maintenance purpose of the system. They can be software engineers or a team of hackers. They are there to take care of that if there are some problems regarding the system or not.

4.2.4. Portability

The system consists of scripting languages such as PHP,HTML etc. It should run on any device and any platform or in any operating system whether it is windows, **OS or android**.