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 Home page and Stories.
Create and discover short, entertaining videos on FaceBook with Videos.
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 , add 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 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 instagram 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. FR 1 : Adding Posts

user can simply Add posts , posts can include photos , viedos ,music , text and description for post content ("Videos , photos and music")

➔ User can add Text post
- user can add back ground to text post.
- user can add emotions within text post
- user can choose who will see post ("public , friends , friends except").
- user can mention friends in text post

➔ User can add image / video post
- user can upload image / video to add post, user can upload more than 1 image / video in one post.
- user can take photo or video to post after accept access to camera.
- user can choose who will see post ("public , friends , friends except")
- user can add text with image / video post.

➔ User can add live video post and save it as post after finish live.

➔ User can add check in , tag people , feeling/activity and GIFs to his post

4.1.2. FR 2 : Adding Stories
User can simply add stories That

disappear from his account after 24 hours , user can recive messages and reacts on his story , stories can be text , images and videos

➔ Add text story with background or not.

➔ Add video / image / music story

➔ Add more than 1 story

➔ Add mentions or tags to his story

➔ user can upload or take videos / images to his story.

➔ user can upload multiple photos or videos to his story

4.1.3. FR3 : Messaging

User can simply send and receive messages to / from friends , pages and group , user can send message from friend page or from search with friend name on messenger , user can send text or voice notes with attachment option

➔ send messages to friends , pages and groups

- ● user can click on message button from friend page or from groups and pages home page then send his message.

- ● user can search with friend name or page name or group name in messenger list to send messages.

➔ receive messages from friends , pages and groups

- ● user will receive notification inform him that he received message with sender name.
- ● user can open messenger and see received messages.
- ● user can send messages back to do unlimited conversation with sender.

➔ Receive message from unknown friends , pages and groups

- ● user will receive notification that there is message from unknown friend.
- ● user have option to accept message and start conversation or refuse it and block. unknown person from send messages to him again.