**Software Requirement Specification**

**For Facebook mobile app**

1. **Adding Post:-**

The Adding Posts module on Facebook app is responsible for allowing users to create and publish posts on their Facebook profiles. The module must be designed in a way that is easy to use and meets the expectations of Facebook users.

Functional Requirements:

1. User Authentication: Users must be authenticated before they can access the Adding Posts module. The authentication process must ensure that only authorized users can create posts on their profiles.
2. Post Creation: The module must allow users to create new posts by entering text, uploading images and videos, adding tags, and selecting privacy settings. Users should be able to preview their post before publishing it.
3. Post Editing: Users should be able to edit their posts after they have been published. The editing process should allow users to make changes to the post's text, images, tags, and privacy settings.
4. Post Deletion: Users should be able to delete their posts from their profiles. The deletion process should remove the post from Facebook's servers and all associated metadata.
5. Tagging: Users should be able to tag other Facebook users in their posts. The tagging process should allow users to select the name of the user they want to tag from a list of their Facebook friends.
6. Privacy Settings: Users should be able to choose who can view their posts. The privacy settings should allow users to select from a list of options, including public, friends, and custom.
7. Accessibility: The module should be accessible to all users, including those with disabilities. It should conform to accessibility standards such as WCAG 2.1 to ensure that all users can create and publish posts.

Non-Functional Requirements:

1. Security: The module must be designed with security in mind. It should use encryption to protect user data and prevent unauthorized access. The module should also be regularly tested for vulnerabilities and updated with security patches as needed.
2. Performance: The module should be designed to handle a large volume of posts and users without slowing down or crashing. It should be optimized for fast load times and minimal latency.
3. Usability: The module should be easy to use and intuitive. It should be designed in a way that is consistent with Facebook's overall design language and user interface.
4. Compatibility: The module should be compatible with a wide range of devices and operating systems, including mobile devices and desktop computers. It should be designed to work with popular web browsers such as Chrome, Firefox, and Safari.
5. **Adding Stories:-**

Introduction:

Facebook Stories is a feature that allows users to share photos and videos that disappear after 24 hours. This document outlines the software requirements for adding stories on Facebook.

Functional Requirements:

1. User Login: The user must log in to their Facebook account to access the Stories feature.
2. Adding a Story: The user can add a story by clicking on the "+" button on the Facebook home screen.
3. Uploading a Photo or Video: The user can upload a photo or video from their device's camera roll to their story.
4. Applying Filters and Effects: The user can apply filters and effects to their story.
5. Adding Text and Stickers: The user can add text and stickers to their story.
6. Audience Selection: The user can choose the audience for their story (public, friends, specific friends, or custom).
7. Location Tagging: The user can add a location tag to their story.
8. Hashtagging: The user can add a hashtag to their story.
9. Previewing a Story: The user can preview their story before publishing it.
10. Sharing a Story: The user can share their story directly with friends or save it to their camera roll.
11. Deleting a Story: The user can delete their story after it has been published.

Non-functional Requirements:

1. User Interface: The user interface must be intuitive and easy to navigate.
2. Performance: The Stories feature must load quickly and smoothly.
3. Security: The Stories feature must be secure and protect the user's data.
4. Compatibility: The Stories feature must be compatible with a wide range of devices and operating systems.
5. Availability: The Stories feature must be available to users at all times.