Facebook Mobile Application

Software Specification Requirement

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1. Introduction

Introduction This document provides an overview of the entire software requirements for Facebook Mobile application. The aim of this document is to gather and analyze and give an in-depth insight of the complete application by defining the problem statement in detail. In case it is required to have additional features, a formal change request will need to be raised.

1.1 Purpose

Purpose The purpose of the document is to collect and analyze all assorted ideas that have come up to define the system (Facebook Mobile application), its requirements with respect to consumers. Also, we shall predict and sort out how we hope this product will be used in order to gain a better understanding of the project, outline concepts that may be developed later, and document ideas that are being considered, but may be discarded as the product develops. 1.2 Scope

- ## Product Functions

The mobile application will perform the following operations.

- ### Posts Module

• Create and Display posts posted by the friends of the user in the news feed. News feed appears on user's homepage and highlights information including profile changes, upcoming events, and birthdays of the user's friends.

Post and share photos, create view and manage photo albums. Facebook allows users to upload an unlimited number of photos. Privacy settings can be set for individual albums, limiting the groups of users that can see an album. Another feature of the Photo's application is the ability to "tag", or label, users in a photo.

- ### Story Module

Facebook stories allow you to share videos, animations, and pictures with your friends. They will only last 24 hours, and you can view them at the top of your news feed. It's a great way to see what your friends have been up to

- ### Messaging Module

• Send and receive messages from user's friend and other Facebook users, group admins and Facebook pages. User can send a message to any number of his/her friends at a time and can adjust from whom they can receive messages from including just friends, friends of friends, or from anyone

1.2 Function al Descriptions

This section will discuss the various functions within the Facebook mobile client.

1- Login A user will enter his/her credentials into the proper fields and the user will be logged into the Facebook system. User will be given option to remember credentials so further input at startup are not necessary. Preset by the user in the settings panel.

2- Create a Post A new view will display and show a composition window with various rich text and multimedia options. The user can then enter his/her post and submit it to the Facebook database. The post will be immediately displayed on the user's news feed.

3- Insert Image When in the composition window, the user will be prompted with an image picker which will allow the user to insert an image from the user's device.

4- Take Photo When in the composition windows, the camera display will be shown and once the image is taken, the user will be given the option to keep re-taking. If the user keeps the photo it will be used in the composition window, if the user selects retake, the photo will be deleted and the camera display will be shown again.

5- Insert Hyperlink User will be prompted to insert hyperlinks into his post the links will be selected and a small preview will also be shown.

6- Display Notifications This function will display all notifications of the user's in the Facebook system.

7-Search This function will display a search window in which the user can search for other Facebook users, Facebook pages and Facebook groups.

1.2.7Display Messages This window will display the users Direct Message (or DM) inbox. This function will also allow the user to compose a new message, delete current messages, and read existing messages in greater detail. 1.2.8Display friend requests This function will display a preferences view which will contain various settings which the user may change based on preference.