

**SANGHVI INSTITUTE OF MANAGEMENT AND SCIENCE**

**SCHOOL OF ENGINEERING**

**DEPARTMENT OF COMPUTER SCIENCE**



**PROJECT TITLE:- “SOCIALIZER”**

**YEAR: - 2013-2014**

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## **TABLE OF CONTENTS**

## **PAGE No.**

➤ Abstract	1
➤ Introduction	2
➤ Problem Domain	3
➤ Solution Domain	4
➤ System Requirement	5
➤ Development Tools	5
➤ Designing Tools	5
➤ Application Domain	6
➤ Expected Outcomes	7
➤ References	8

## *Synopsis of*

### **“Socializer”** *a common platform for all the Social feeds*

**Abstract:-** This Android application is the complete package for all those users who do not want to waste their time to login into various social networks to see their news feed. The application facilitates the users to avoid switching the applications for news feed. Also this application saves the memory of the device.

The project (**Socializer**) is an application that works on the android platform (**ver. 2.3 gingerbread and higher**). This app integrates various social accounts like Facebook, Google +, Twitter and shows all the news feed at one place. So now you need not to worry about login in to various social networking sites to view their respective news feed, all you need to do is just install the app, register & log in and enjoy the experience.

This application is a perfect match for all the users who often get disturbed by the interruption of the chat pop up while going through the news feed, notifications like game & app request in facebook , facebook groups & all other features which are just the waste of time and resources for them. This application act as a filter or a screening tool for news feed , which only allows the useful information to get into account.

**Introduction :-** The project is an application that works on the android platform (**ver. 2.3 gingerbread and higher**). This app integrates various social accounts like Facebook, Google plus & Twitter and shows all the news feed at one place. So now you need not to worry about login in to various social networking sites once to view their respective news feed, all you need to do is just install the app, log in and enjoy the experience. User can keep track of activities, posts, photos & all shared content of all those who are connected to you via these social network sites. This app require registration for first time which validates user genuinely by appropriate information of his/her social accounts. After successful registration on Socializer there is a feature called remember me which further make this app more easy and convenient for the users , means user did not have to log in again and again if remember me check box is ticked .If the user wish to switch on another account of any of these social network there is a feature called logout which help the users to switch to account by the different desired username and password.

This application deals with the API's provided by the various social networks and the methodology to deal with it to show the news feed. API (Application Programming Interface) allows a software application to communicate with a remote application over the Internet through a series of **calls**.

**Problem domain:-** The main problem that persists for a user who wish to check only the newsfeeds of various social networks such as Facebook ,Google plus , Twitter was that the user had to install app for each social network & these laid to wastage of the memory ,resources ,tremendous waste of time & slower the phone performance .Another problem is that user have to switch over these app to get news feed from these social networks. These app also contained unnecessary information. So user had to go through all the data which were not required or appropriate for them, if the user wish to access only the news feed he could not, chat window would also come into action as the feature of Facebook app.

The user had to install different social networking sites apps such as Faceboook and Twitter which used to take minimum of 20 Mb of the main storage. Some of the basic smart phone's do not have much memory so they were unable to store and install many of the apps.

**Solution domain:** - In this project we have collected all the social network site's news feed through a procedure called API (application programming interface). We had requested to all the sites to give their API's. And after receiving the API's we have embed these feed in Socializer. Through the API we were able to interact with the social networking sites so that we could meet the above mentioned requirements. You have to just slide the pages of the app to read the news feed. The app does not consume much of the memory of the device and is easy and convenient to use. API for that matter -- allows a software application to communicate with a remote application over the Internet through a series of **calls**. An API is, by definition, an **interface**, something that defines the way in which two entities communicate. With APIs, the calls back and forth between applications are managed through something called **Web services**. Web services are a collection of technological standards and protocols, including **XML(Extensible Markup Language)**, the programming language by which applications communicate over the Internet.

The API itself is a chunk of software code written as a series of XML **messages**. Each XML message corresponds to a different function of the remote service. For example, in a conferencing API, there are XML messages that correspond with each element required to schedule a new Web conference. Those elements include the conference time, the organizer's name and contact information, who's invited to the conference, the duration of the conference, et cetera.

Exactly how does a software developer leverage a conferencing API? He programs new or existing software to generate the right XML messages to tap the power of remote applications. Let's take conference scheduling, for example. With the right code, he could build conference-scheduling functionality into the company's existing e-mail system. Or, perhaps he could develop an entirely new instant messaging application that has one-click instant audio conferences.

Companies who release their API often do so as part of a larger **software development kit (SDK)** that includes the API, programming tools and other instructional documents to make the developer's job easier.

APIs and Web services are completely invisible to Web site surfers and software users. Their job is to run silently in the background, providing a way for applications to work. So as a solution the we have created this app. No such popular android application was previously made.

## **System requirement & Development tools**

**Device:-** Smartphone, tablet, slate-book.

**Platform:-** Android Ver. 2.3 (Gingerbread) and higher.

**RAM:-** Min. 256 MB and higher.

**Processor:-** 825MHz and higher.

**Supported Lang.:-** English (United States)

**Storage:-** Min. 5 MB

**Age group:-** 12+

**Category:-** Social.

### **Development tools:-**

Android Developer Tools

This product includes:-

#### **#Eclipse Platform**

**# JDT** (JAVA development tool)

**# CDT** (C/C++ development tool)

**# EMF** (eclipse modeling framework)

**# GEF** (Graphical editing framework)

**# WTP** (Web tool platform)

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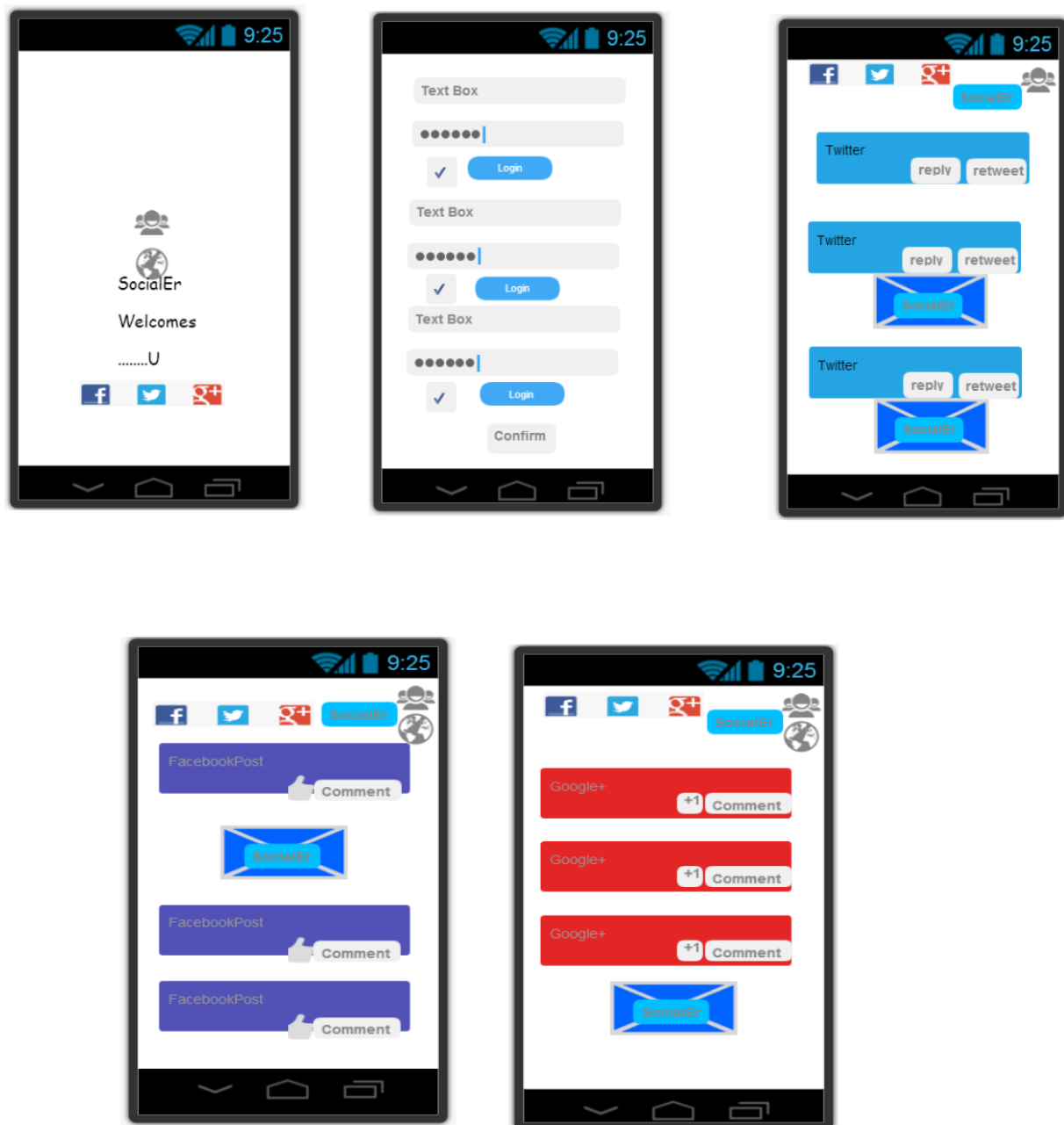
**Designing tool :-** Star UML

**Application domain :-** *Socializer* is an application that is basically designed for the users who just wish to see the news feed and they can easily access their social sites in a single application. Previously the user had to install different social networking sites apps such as Facebook and Twitter which used to take minimum of 20 Mb of the main storage. Some of the basic Smartphone's do not have much memory so they were unable to store and install many of the apps. So we decided to solve this problem by embedding all of the important social sites in a single app so that the problem of the storage of the apps gets solved easily. Thus we created the app "***Socializer***". This app integrates various social accounts (Facebook, Twitter, Google plus) in an single app so that the user can see the news feed of respective social sites in the app and solve the main issue of the memory storage. This app makes it possible to view the news feed in a single app. Also it saves their time as they do not need to waste time login in to various social networks. For using this app user should have minimum one account on either Facebook, Twitter or Google plus.



**Expected outcomes :-** In this app we have brought all main social networking sites at one place. All you have to do is just create a account on our app and then enter the required information

( user id and password) for the related site and then enjoy the news feed. Once you have entered your details you need not have to enter it again. All the information will be saved. Also this app will solve the memory consuming issue by different social sites and also save the time of logging into different social sites. Here are some snapshot of the prototype Socializer.



**References: -**

- 1. [Mybringback.com](#)**
- 2. [Developer.android.com](#)**
- 3. [Fluidui.com](#)**