User Experience Engineering

Sketches, Wireframes and Prototypes

Group – 2021S2_REG_WE_61

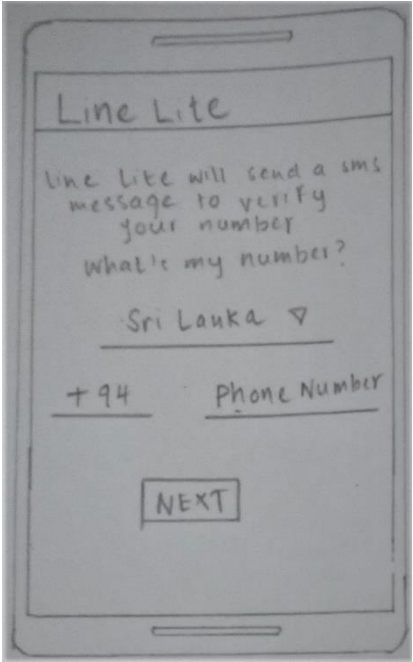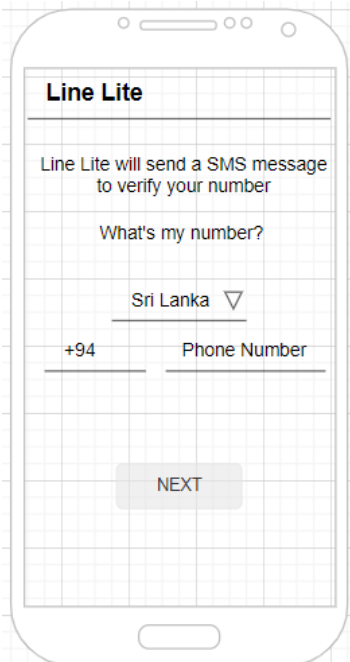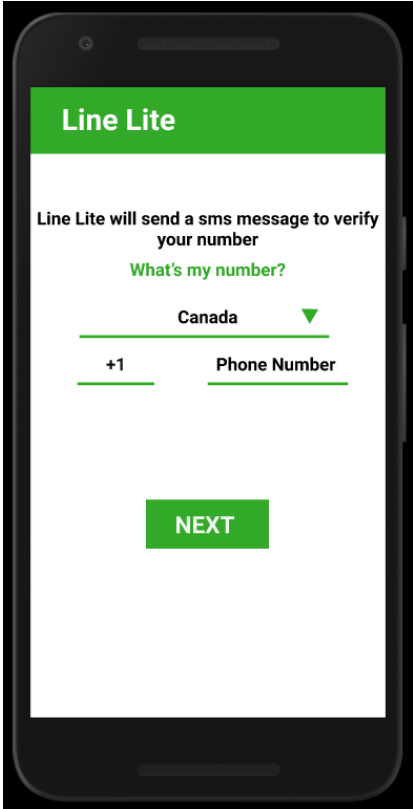# Table of Contents

Contribution to the report

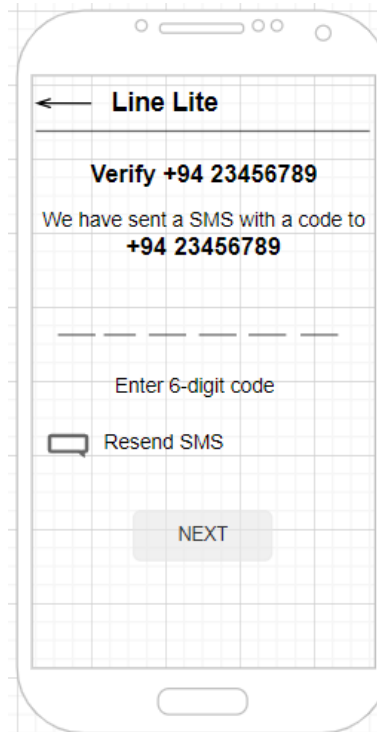| Reg No	Name	Contribution
IT19152042	Ranawansha P.P.	Sketches, wireframes and prototype of the login pages , status pages and change phone number page
IT19035918	Amarasiriwardena R.S.	Sketches, wireframes and prototype of the conversation page, group page and the inside of the group chat page
IT19186634	Mannage G.	Sketches, wireframes and prototype of the welcome page, chat page and the notification
IT19163482	Fernando M.P.A.	Sketches, wireframes and prototype of the user profile page and the add new contacts page

Member 1 : Ranawansha P.P – IT19152042

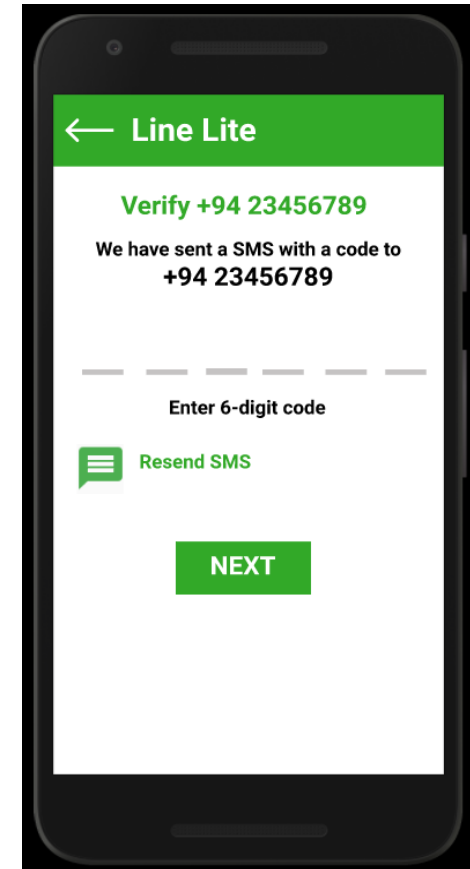| I. Sketches of the login page	II. Wireframe of the login page	III. Prototype of the login page
The sketch represents the features in the wireframe, there is a field to enter the phone number, the country field, and the country code field.	The user must select the country and enter the phone number. Once the drop-down button is clicked for the country selection the user will be redirected to the 'Choose a Country' page where the user can select the specific country. Once the user selects the country, again the user will be redirected to the login page where the selected country and the relevant country code is automatically displayed. Then the user must enter the phone number and click the 'NEXT' button.	

I. Sketches of the verification page	II. Wireframe of the verification page	III. Prototype of the verification page
In this sketch there is a field to enter the verification code and the 'NEXT' button.	The user must enter the 6-digit verification code and click the 'NEXT' button. Then the user will be redirected to the 'Conversations' Page. The user also can navigate back to the 'Login' page by clicking on the arrow icon.	
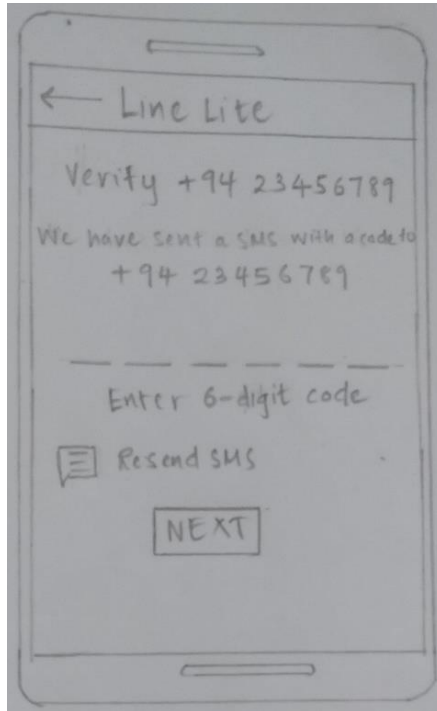
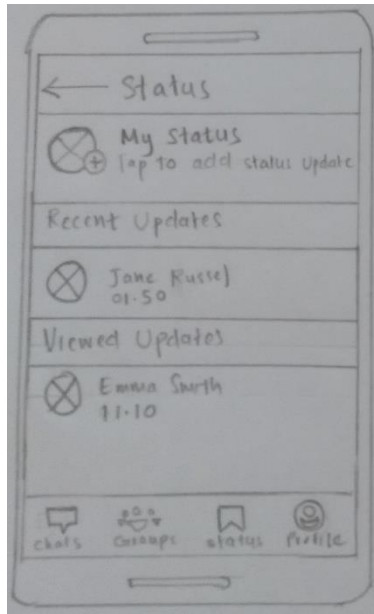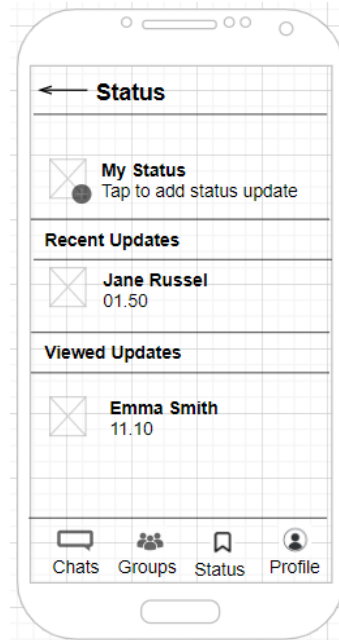| I.　Sketches of the country page	II.　Wireframe of the country page	III.　Prototype of the country page
The sketch represents the features in the wireframe. The country flag, country name and the country code are displayed in an organized manner.	In this wireframe the user must select the country and after selecting, the user will be automatically redirected to the login page. The user can also navigate back to the 'Login' page by clicking the arrow icon.	
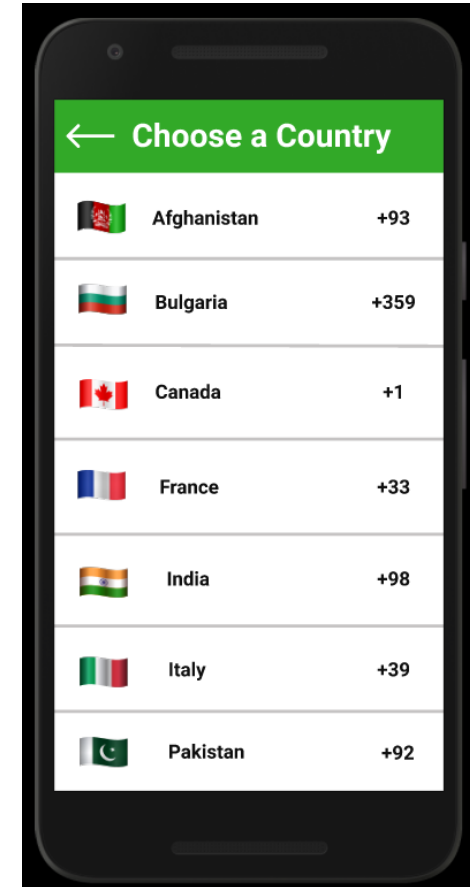
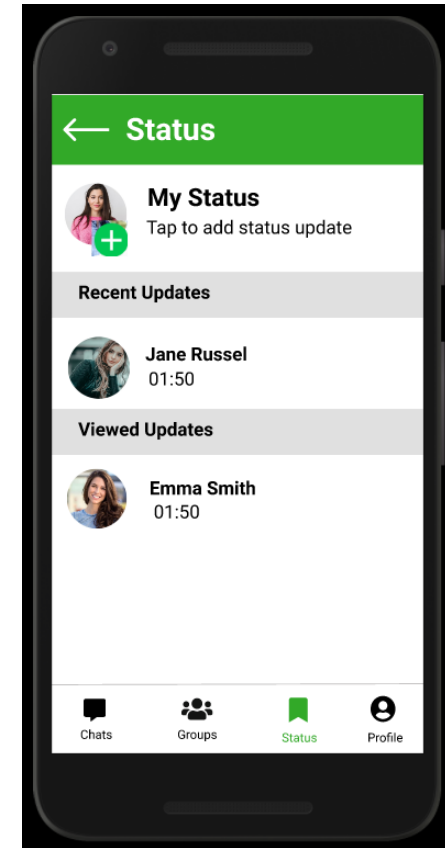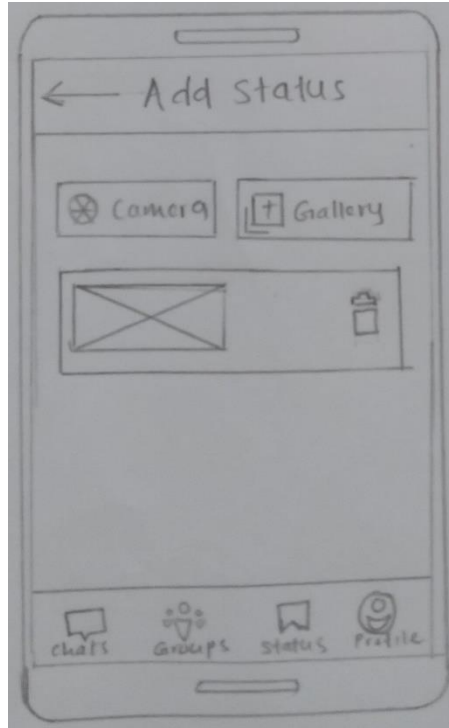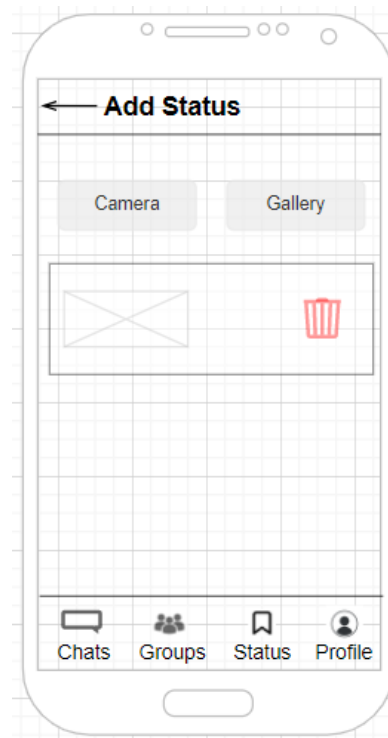| I. Sketches of the status page	II. Wireframe of the status page	III. Prototype of the status page
The sketch represents the features in the wireframe. The user's avatar is there to add status upload. The status uploaded by others are shown and they are classified as Recent Updates and Viewed Updates.	In this wireframe the user can tap on the 'My Status' avatar to navigate to the 'Add Status' page. The user can view the recent and viewed updates by tapping on the avatar. Then the user will be navigated to the 'Story View' page. User can navigate back to the 'Conversations' page again by clicking the arrow icon.	

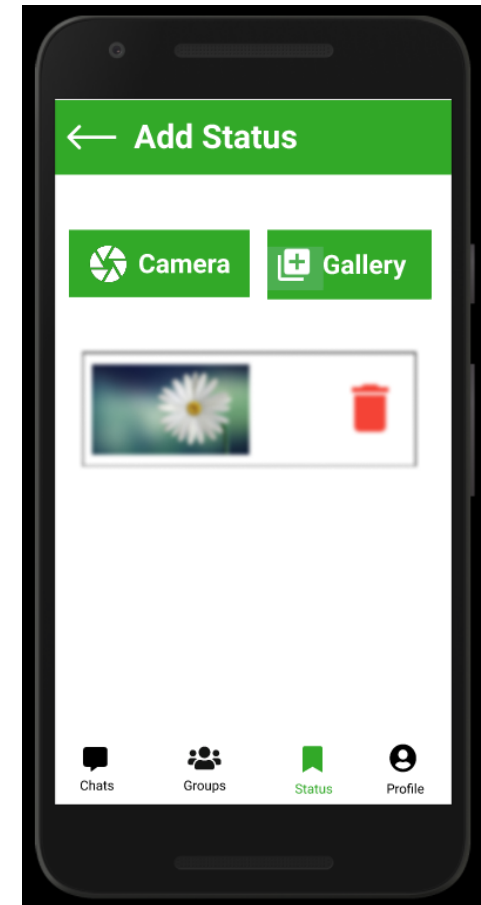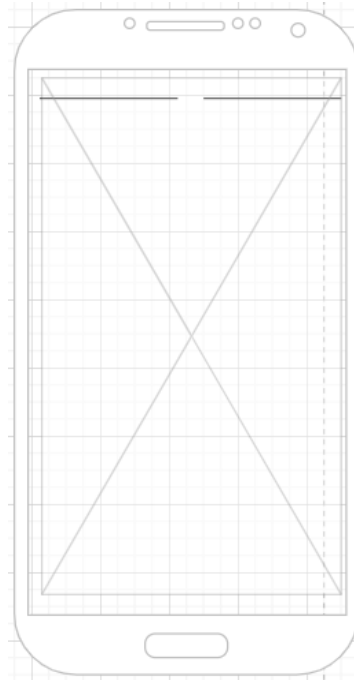| I. Sketches of the add status page	II. Wireframes of the add status page	III. Prototype of the add status page
The sketch represents the features in the wireframe. There are two buttons as 'Gallery' and 'Camera'.	In this wireframe the user can add status by either choosing an image from the phone gallery or by taking a picture from the camera or both tasks can be done. The selected image will be displayed with a bin icon where the user can click on it if he or she wants to delete the uploaded status. User can navigate back to the 'Status' page by clicking the arrow icon.	

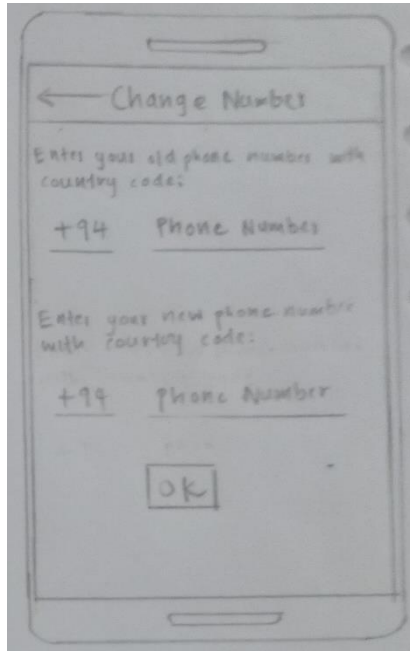| I. Sketches of the story view page	II. Wireframe of the story view page	III. Prototype of the story view page
The sketch represents the features in the wireframe.	In this wireframe the Story views are shown which are uploaded by others.	

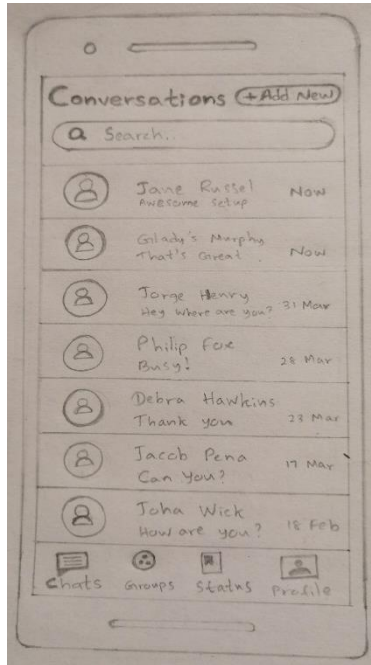| I. Sketches of the change phone number page	II. Wireframe of the change phone number page	III. Prototype of the change phone number page
The sketch represents the features in the wireframe. There are two fields to enter the current phone number and the new phone number.	In this wireframe the user can change the phone number by entering the current phone number and the new phone number with the country code and has to click the 'OK' button. The user can navigate back to the 'Profile' Page by clicking the arrow icon.	
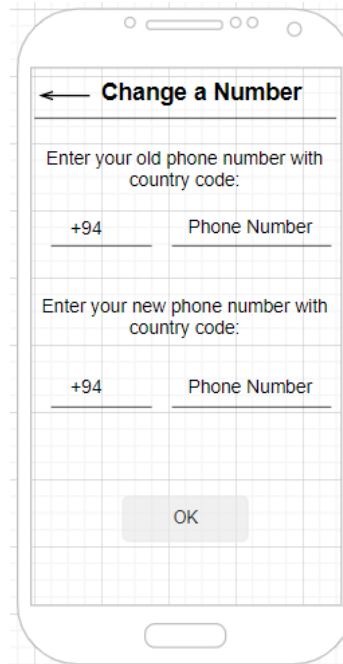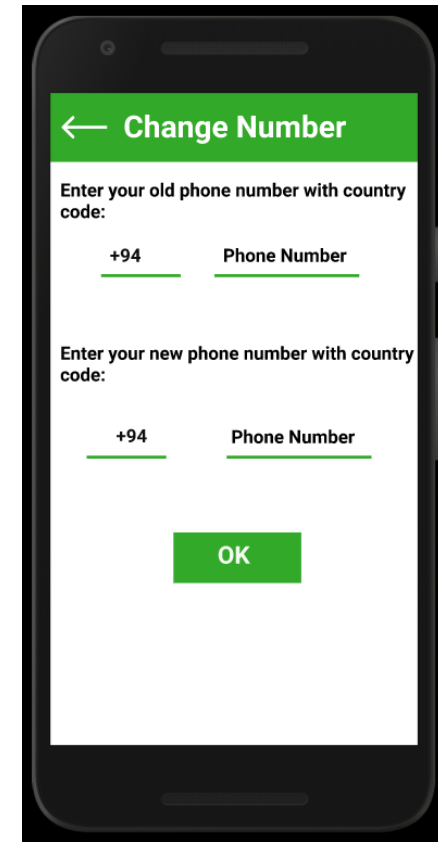
Flow of the pages of chat application (login pages and status pages) – IT19152042
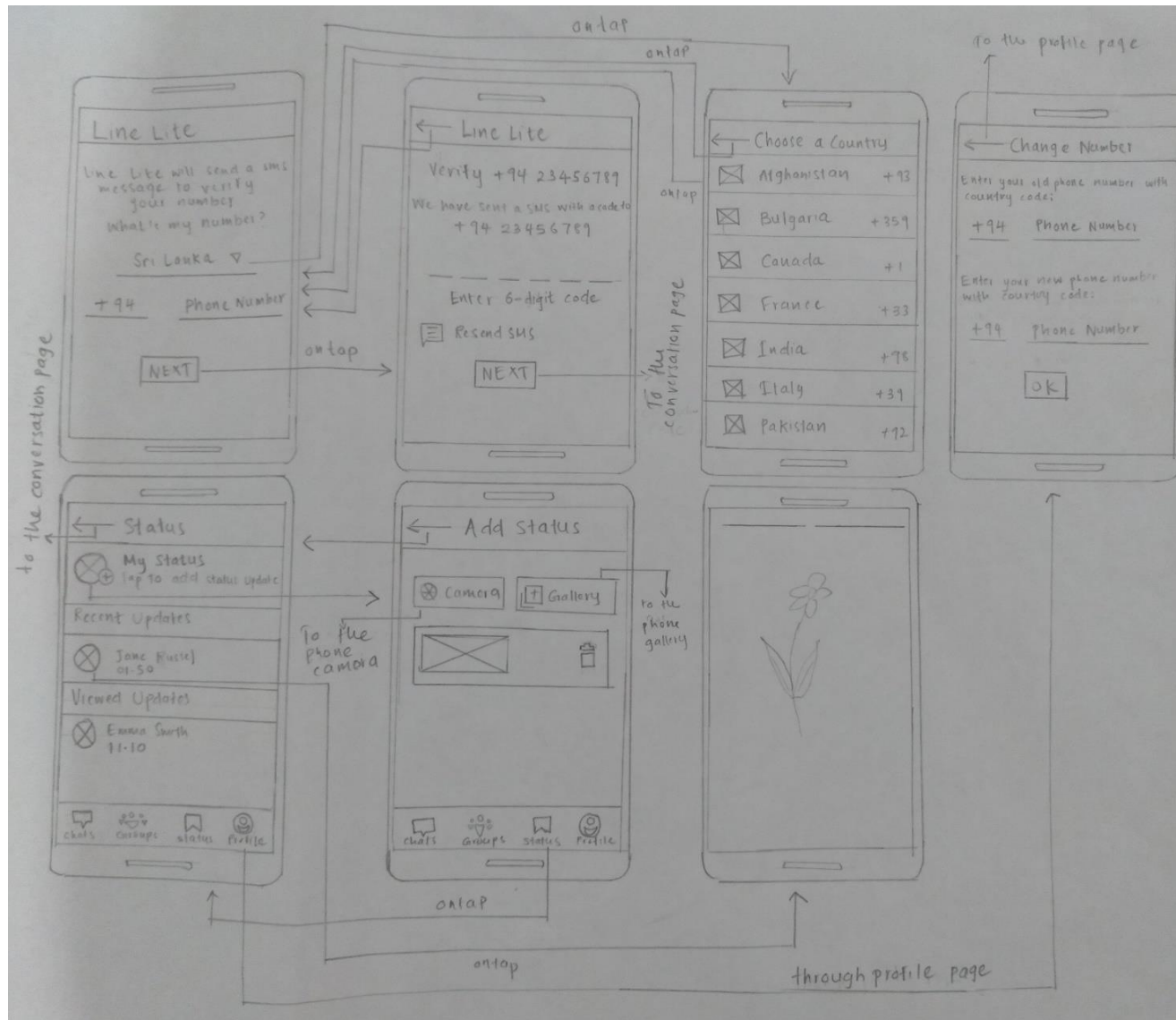
Member 2 : Amarasiriwardena R.S – IT19035918

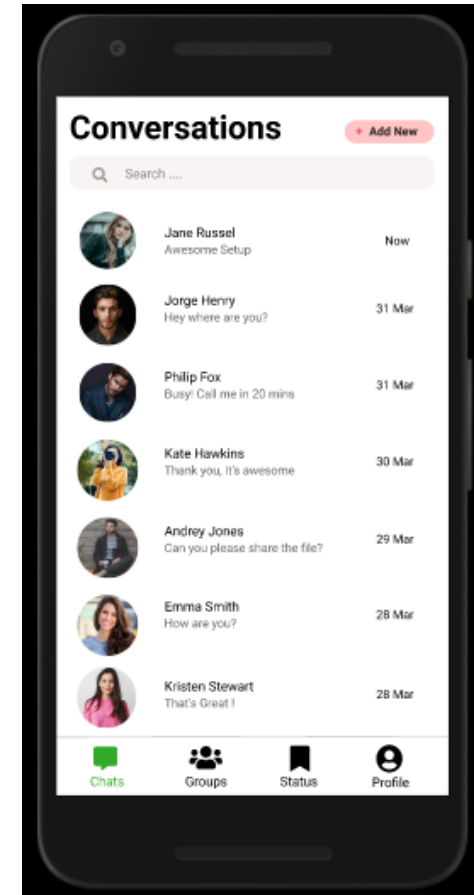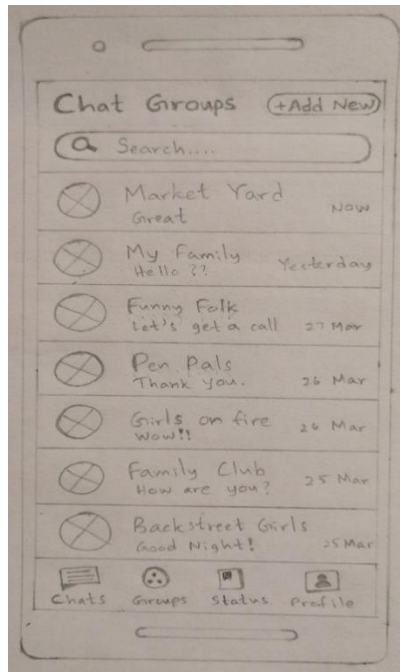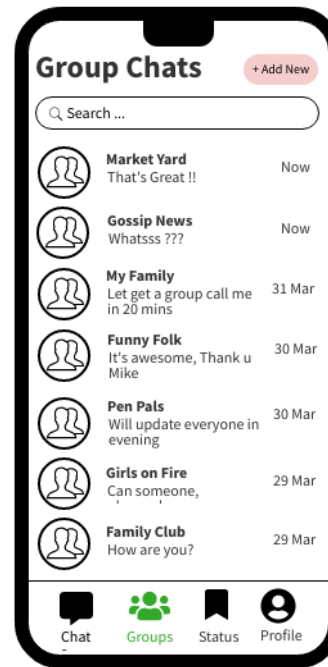| I. Sketches of the conversation page	II. Wireframe of the conversation page	III. Prototype of the conversation page
The paper-prototype features are same as in the wireframe. First the user will navigate to the conversations page to find the relevant chats and then navigate to those chat by tapping on it. Beside that user can add new contacts by tapping the ADD New button.	The above page is a fixed page navigation by putting it in bottom of the UI where user can easily navigate among the pages. Including the search function to the UI will be advantage for user for easily find the needed chat at once by searching it in the searching bar.	
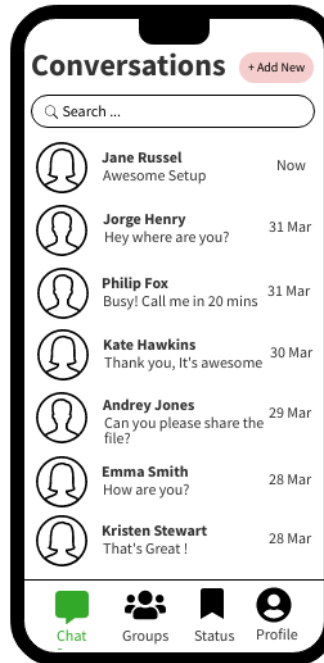
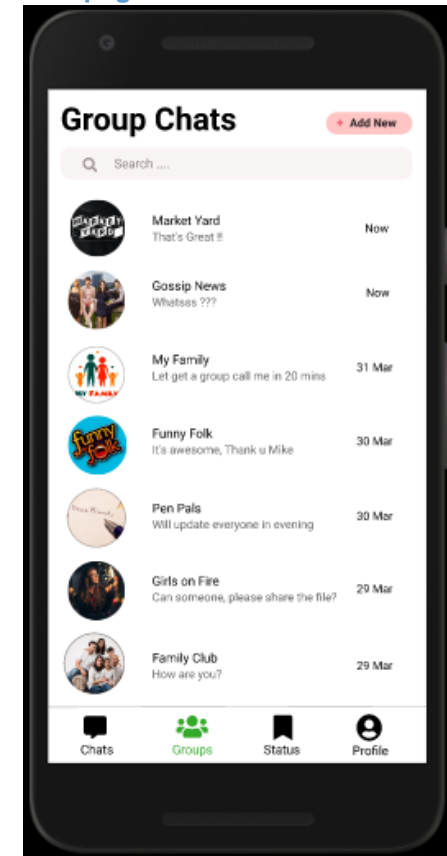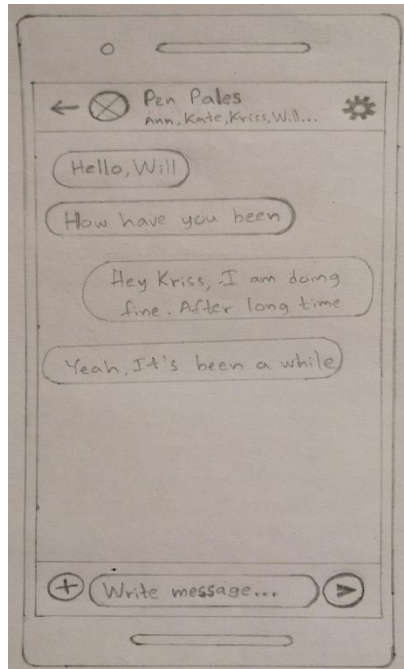| I. Sketches of the chat group page	II. Wireframe of the chat group page	III. Prototype of the chat group page
The paper-prototype features are same as in the wireframe. First the user will navigate to the group chat page to find the relevant group chats and then navigate to those chats by tapping on it.	By creating separate page for group that create in the app, it will be easy for user for identify and navigate to the group chat page.	

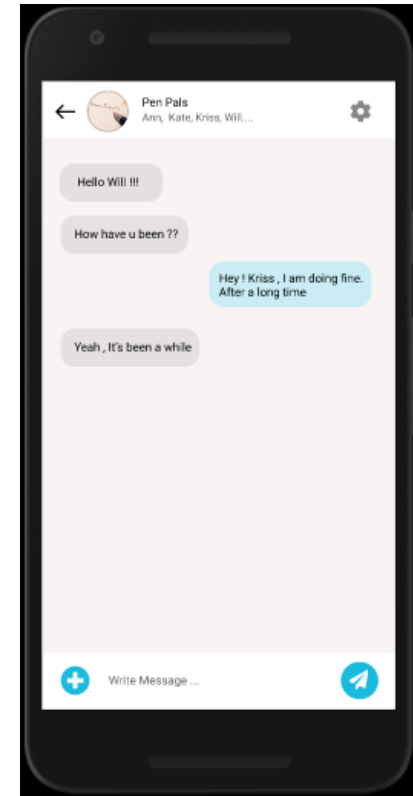| I. Sketches of the inside group chat page	II. Wireframe of the inside group chat page	III. Prototype of the inside group chat page
The paper-prototype features are same as in the wireframe. First the user will have to enter the chat message inside of the text box and click the send button for send the message to the particular group chat.	In this interface user can enter chat messages for the group that are in the group chats.	
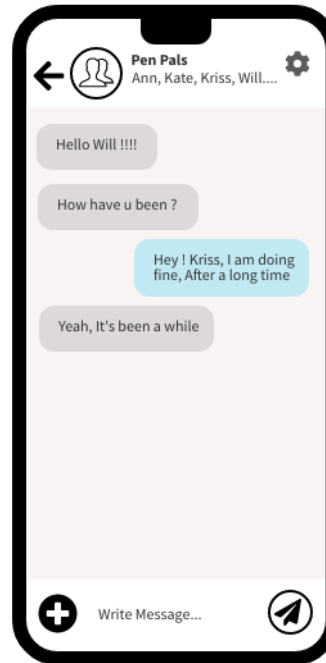
Flow of the pages of chat application (conversation page and group chat pages) – IT19035918
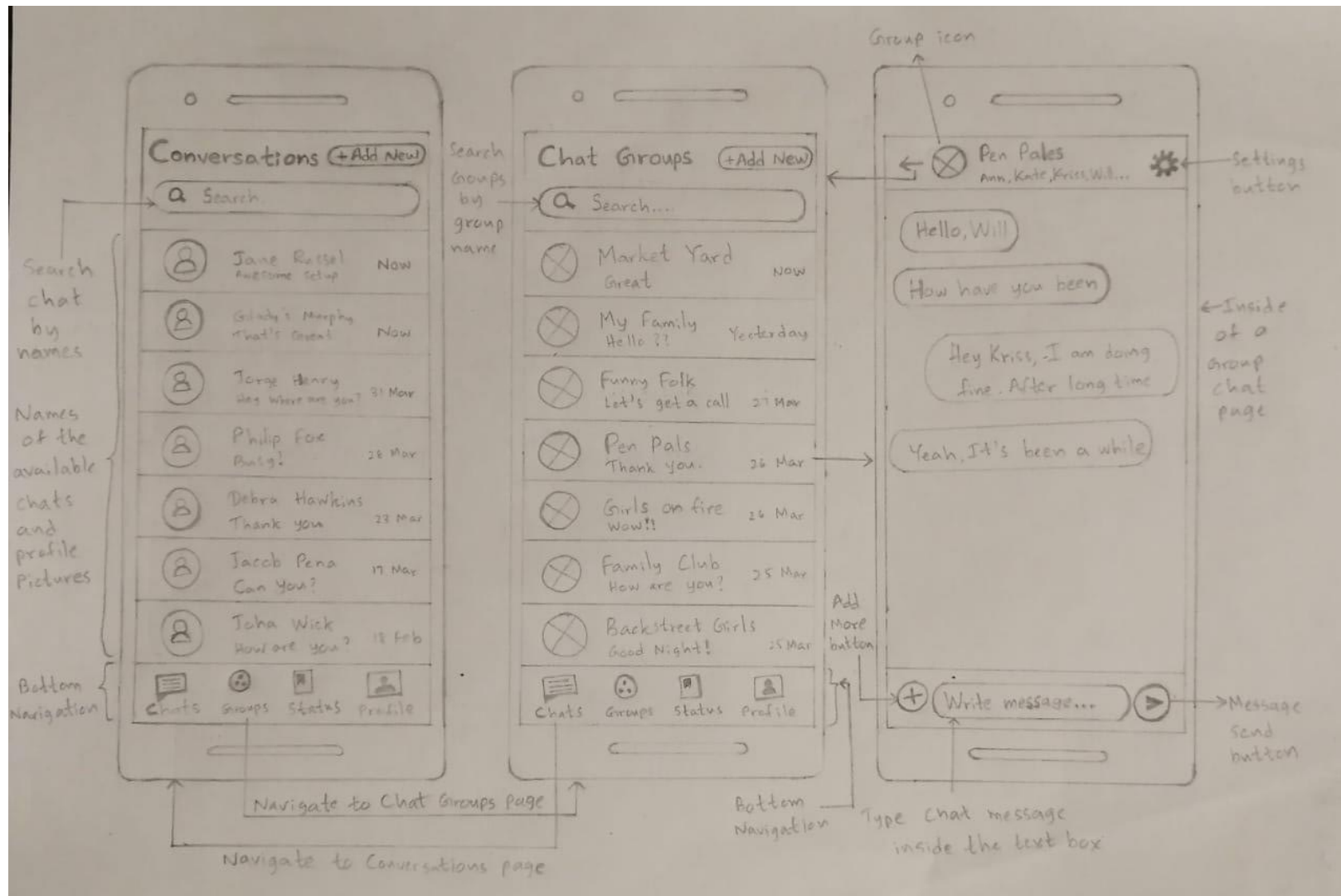
Member 3 : Mannage G. – IT19186634

I. Sketches of the welcome page	II. Wireframe of the welcome page	III. Prototype of the welcome page
Sketch represents the overview of the welcome page. It contains logo, application name and the navigation button.	As same as the sketches, wireframe also contain the same interface. This page is the welcome page of the line lite chat application. When a user clicks the 'Get Started' button, user will navigate to the login page.	

I. Sketches of the chat page	II. Wireframe of the chat page	III. Prototype of the chat page
Similar to the wireframe this sketch contains main part of the chat page interface. In the bottom it contains various icon which useful for the users such as mic, emoji, attach files and camera.	In this wireframe clearly shows the chat page interface. In the top bar, there are icons to make the voice and video calls. And the user details will be shown in the top bar. Also, when a user wants to navigate to the conversation page, user can select the back navigation icon.	
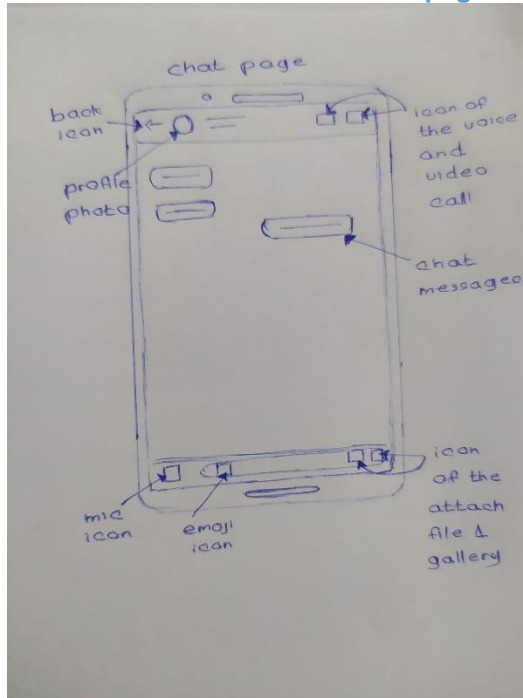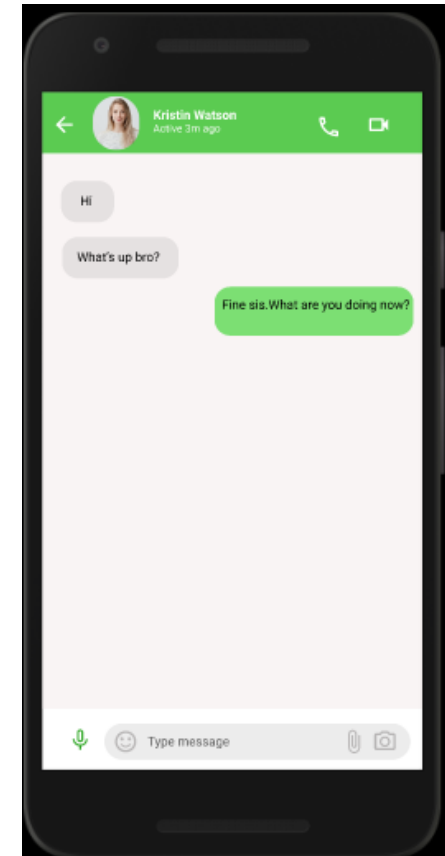
I. Sketches of the notification	II. Wireframe of the notification	III. Prototype of the notification
Sketches has the same features which shows in the wireframe. When a user scroll down the notification bar, user will be able to see the messages that other participant sent. And when a user go inside the relevant chat, user will be able to see the messages that received earlier.	In this above interface, notification part of the chat application shown. When a user swaps the screen, notification of the chat app is visible to the user.	
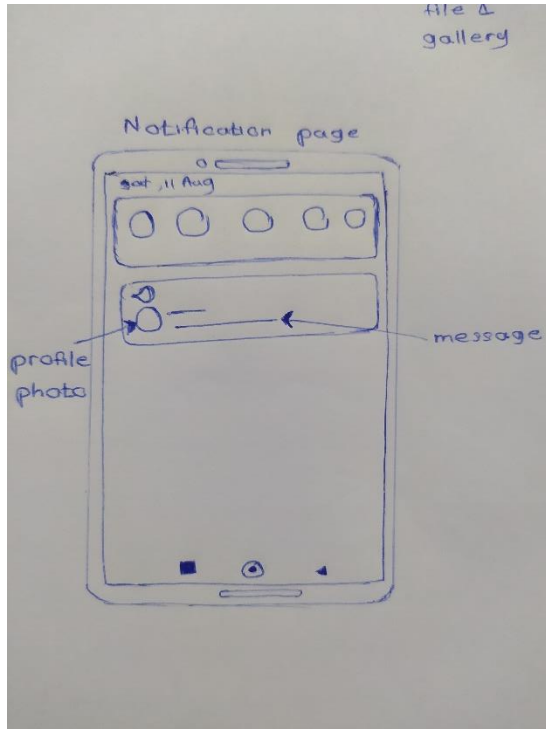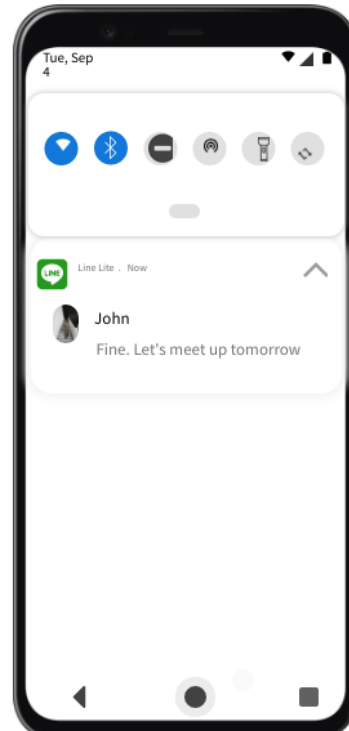
Flow of the chat application (chat page interface and notifications) – IT19186634
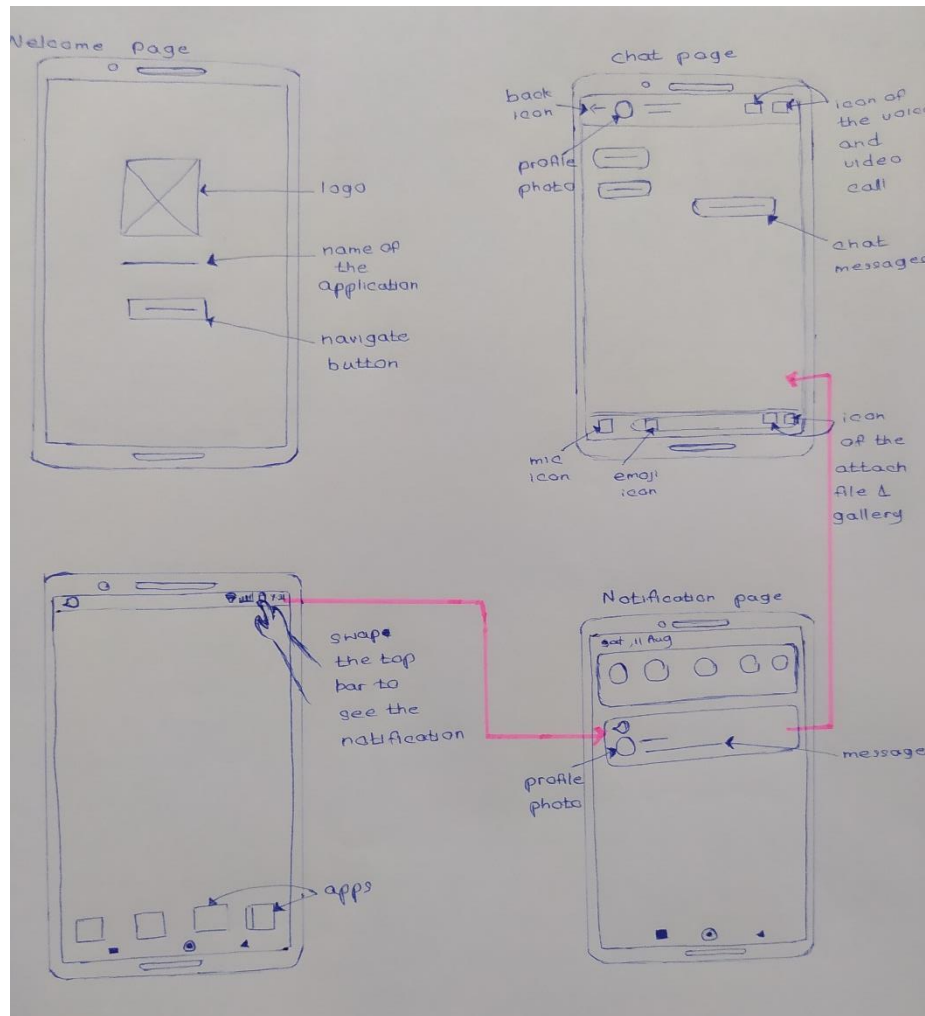
Member 4 : Fernando M.P.A. – IT19163482

I. Sketches of the profile page	II. Wireframe of the profile page	III. Prototype of the profile page
Sketches features are same as in the wireframes. When user clicks on name, it will pop up and then user can edit username and save it. User can edit about field same as above. When user clicks on phone number field it will navigate to change number page.	In this interface user have ability to edit username and about fields. When a user click profile from the bottom navigation bar, user will be able to navigate the profile page.	

I. **Sketches of the contacts page**	II. **Wireframe of the contacts page**	III. **Prototype of the contacts page**
When user clicks on new contact, user can add new contact by typing phone number and name. In here user can search contacts by their name.	In this interface user can view available contacts and user can add new contacts. As well as user can search contacts by name. This interface connects with the conversation page. In the top of the conversation page, there's a button named as "Add new". When a user click that button, user will redirect to the contacts page.	

Flow of the chat application (User Profile and the add contacts page)
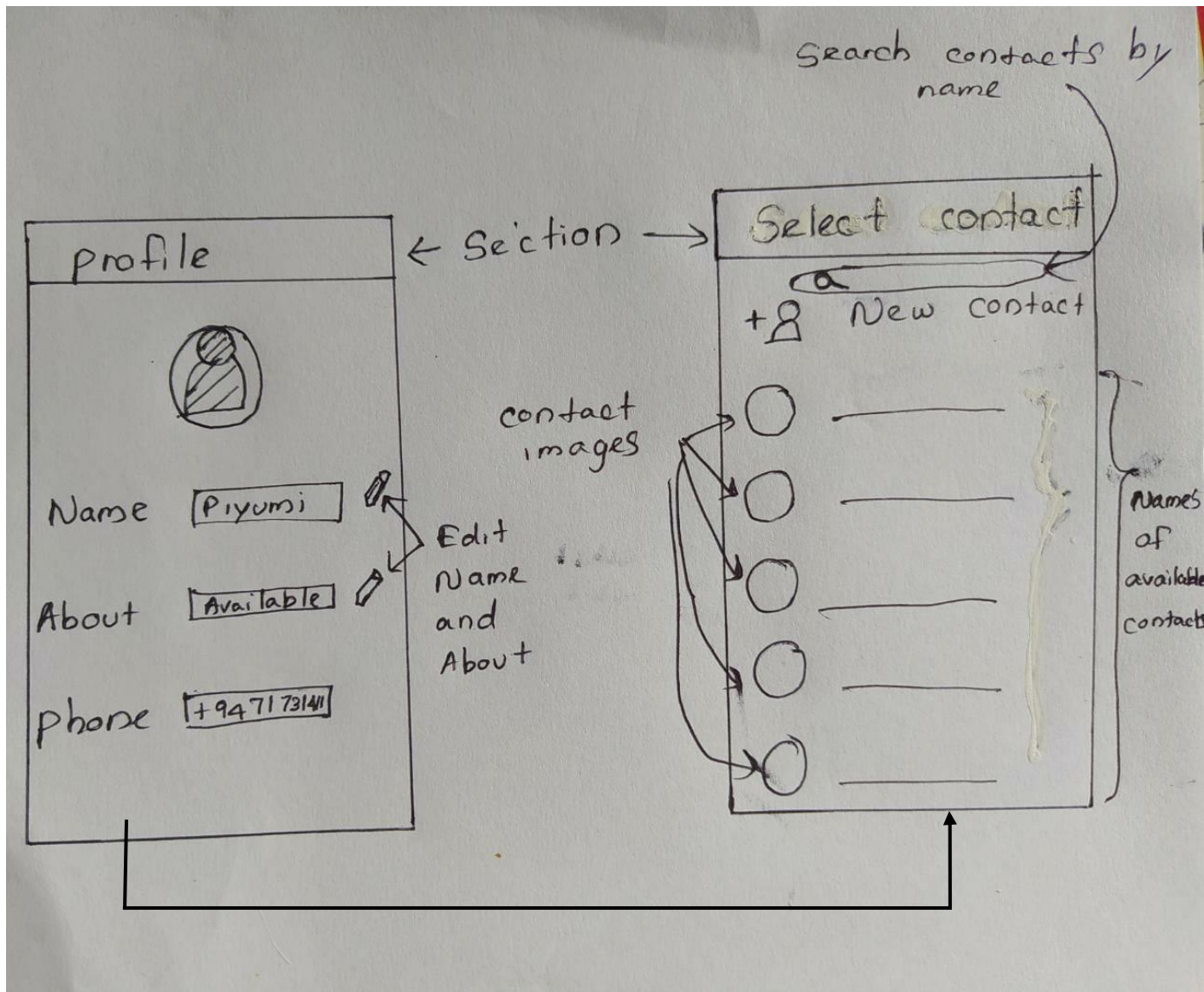
Prototype – version 1.0

Design Tool – Figma

Participated Members – Mannge G. , Amarasiriwardena R.S. , Fernando M.P.A. , Ranawansha P.P.

Figma design link - https://www.figma.com/file/knViJm2n25JMJ3731cQIcj/Line-Lite-Chat-Application-UEE-Project-Version-1

Prototype link - https://www.figma.com/proto/knViJm2n25JMJ3731cQIcj/Line-Lite-Chat-Application-UEE-Project?node-id=42%3A32&scaling=scale-down&page-id=0%3A1&starting-point-node-id=42%3A32&show-proto-sidebar=1

Prototype of entire application
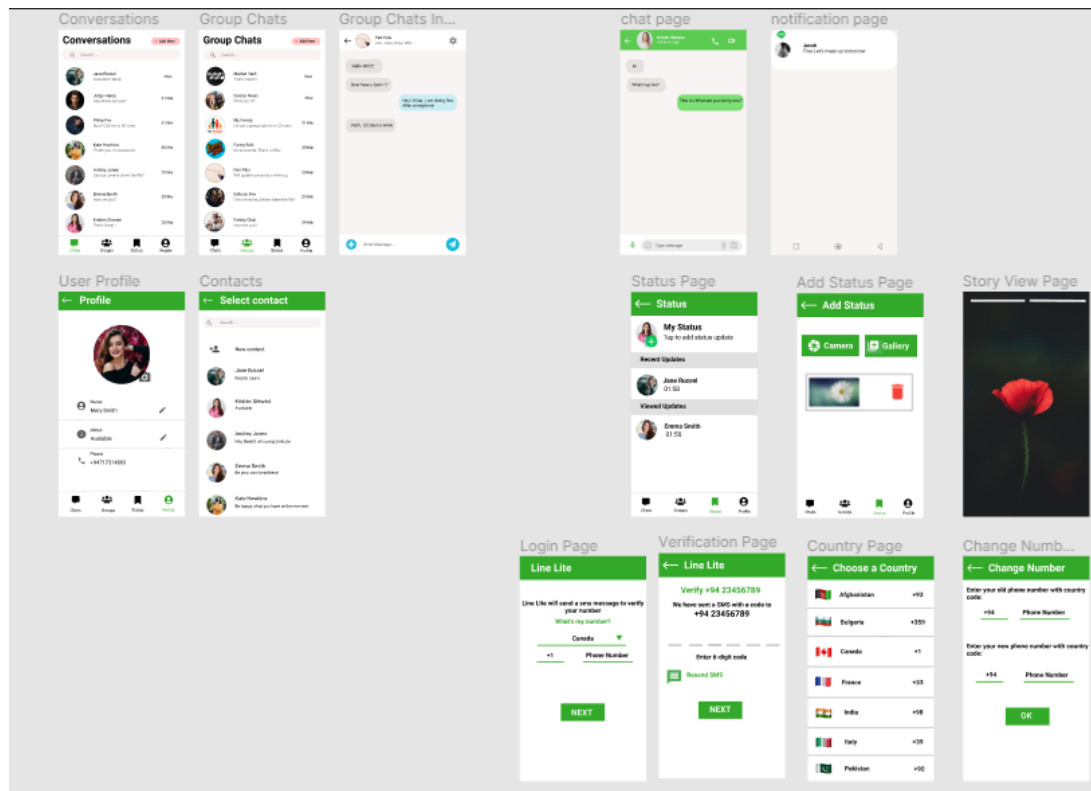
Feedback from the user

Video link - https://drive.google.com/drive/folders/11NsTv8Bdfb-EKtCu-EoZyriyrvLL1cp9?usp=sharing

Script Introduction

Hi Isuri, How are you doing today?

I'm good

 I am Galikha, and also my teammate Raveena will join with us to walk you through this session today.

Before we begin, I have some information for you, and I am going to read it to make sure that I cover everything. You probably already have a good idea of why we asked you here but let me go over it again briefly. We are asking you to try using design prototype. And we need your honest review of the prototype we've done. So we can improve the usability and design wise of the chat app. The first thing I want to make sure is we are testing the application, not you. You cannot do anything wrong here.

 As you use the application, I am going to ask you some questions. As much as possible to try to think out loud: to define what you are looking at, what you are trying to do, and what you are thinking.

I'll be giving you some time to go through the prototype and after that we'll ask some questions. Try to give the honest review as much as possible so we can improve the designing application

 With your permission, we are going to record what happens on the screen and our conversation. The recording will only be used to help us figure out how to improve the application.

Do you have any questions so far? **No, I am good**

Warm up questions

OK. Before we look at the application, I would like to ask you just a few quick questions.

1. First, what is your occupation? What do you do all day?
   Hi, I'm Isuri I am a UI/UX developer. I am busy with designing projects

2. What kinds of Apps (work and personal) are you looking at when you browse the Web?
   WhatsApp, Facebook, messenger, adobe

3. Do you have any favorite Apps?

   adobe is my favorite.

4. What's your favorite chat application?
   WhatsApp

This is our prototype. We'll give you few minutes to go through the design

Ok, I'll run this one and will give you feedback

What do you think about the navigation bar?

It's wise to use the bottom navigation bar. And it make the app user friendly

What do you think about this process you just went through?

Interfaces are up to the standard and the UI also user friendly

You've used the line lite chat application earlier, right? **Yeah**

So compare to the original version how was the experience about current UI?

Current UI is attractive and user friendly. Seems like lot of functions are modified

From your perspective do we need to add any changes to this app? Your critical review is always welcomed

I think you should focus more about the color constraint. Having same theme is very important

And it would be great if you add splash screen or welcome page before the login page of the app.

Other than that, everything is okay.

Prototype version 2.0

Figma design link of version 2.0 - https://www.figma.com/file/CoLWsFIvGwV1Scx4ll2LMc/Line-Lite-Chat-Application-UEE-Project-Version-2

Figma prototype link of version 2.0 - https://www.figma.com/proto/CoLWsFIvGwV1Scx4ll2LMc/Line-Lite-Chat-Application-UEE-Project-Version-2?scaling=scale-down&page-id=0%3A1&starting-point-node-id=156%3A13&node-id=156%3A13

In the prototype version 2.0, contains the newly added features which point out by the user.

Features which change from version 1.0 to 2.0 are,

- Welcome page added
- In group chat interface app bar color change to green

Benefits of the changes

- When a user first launch the chat application, user will first redirect to the welcome page and afterwards user can navigate to the login page.
- Having same color constraint in the app is important.

Prototype of the entire application version 2.0
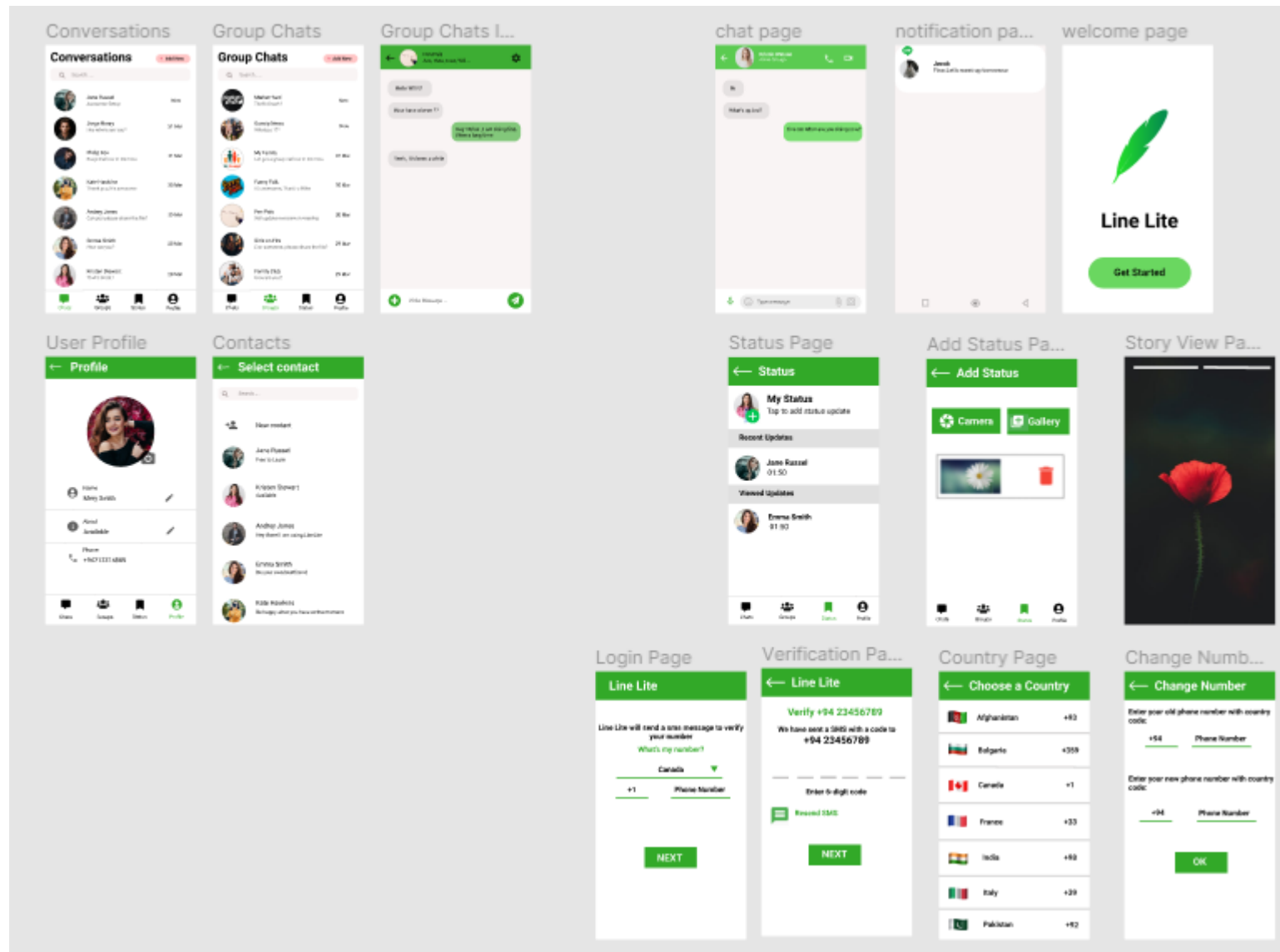
Changes in version 2.0

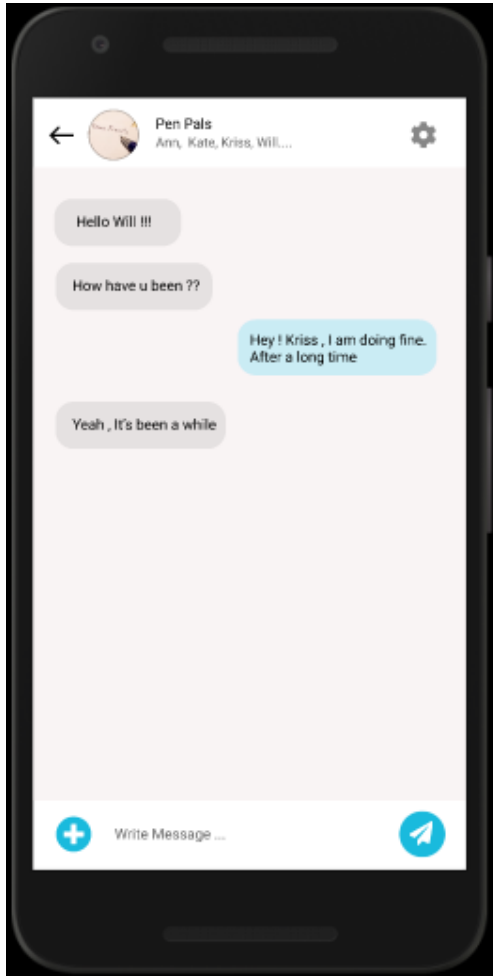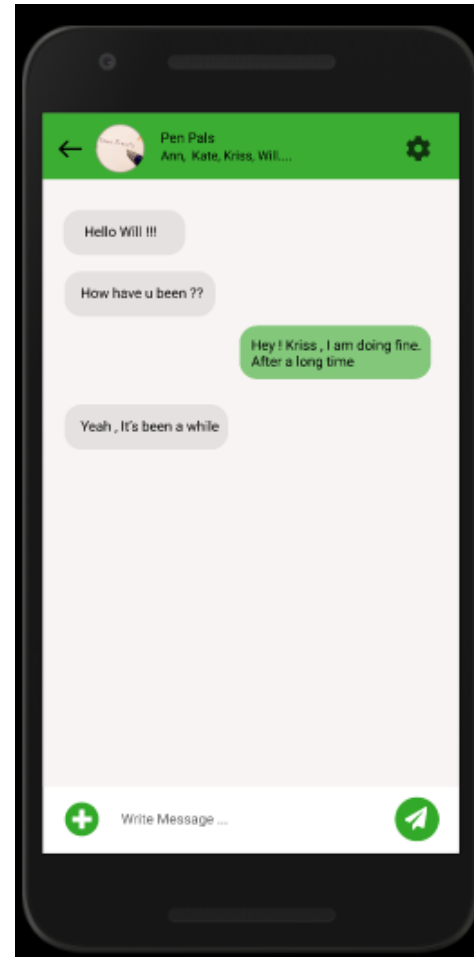1. Welcome page added

2. Inside the group chat page color changes to green

Version 1.0   version 2.0