



Sri Lanka Institute of Information Technology

eTraffic Application

User Experience Engineering

Lab sheet 6

Group ID: 2021S1_REG_WE_05

Submitted by:

1. IT19014296 – Jayaweera N.C.S
2. IT19032252 – Pitawala W.W.S.P
3. IT19011912 – Fernando W.A.D.S
4. IT19064932 – Hameed M.S

Table of Contents

SKETCHES 3

WIREFRAMES..... 8

PROTOTYPE VERSION – 01 15

PROTOTYPE VERSION – 02 23

INTERVIEWING 32

Script 01 32

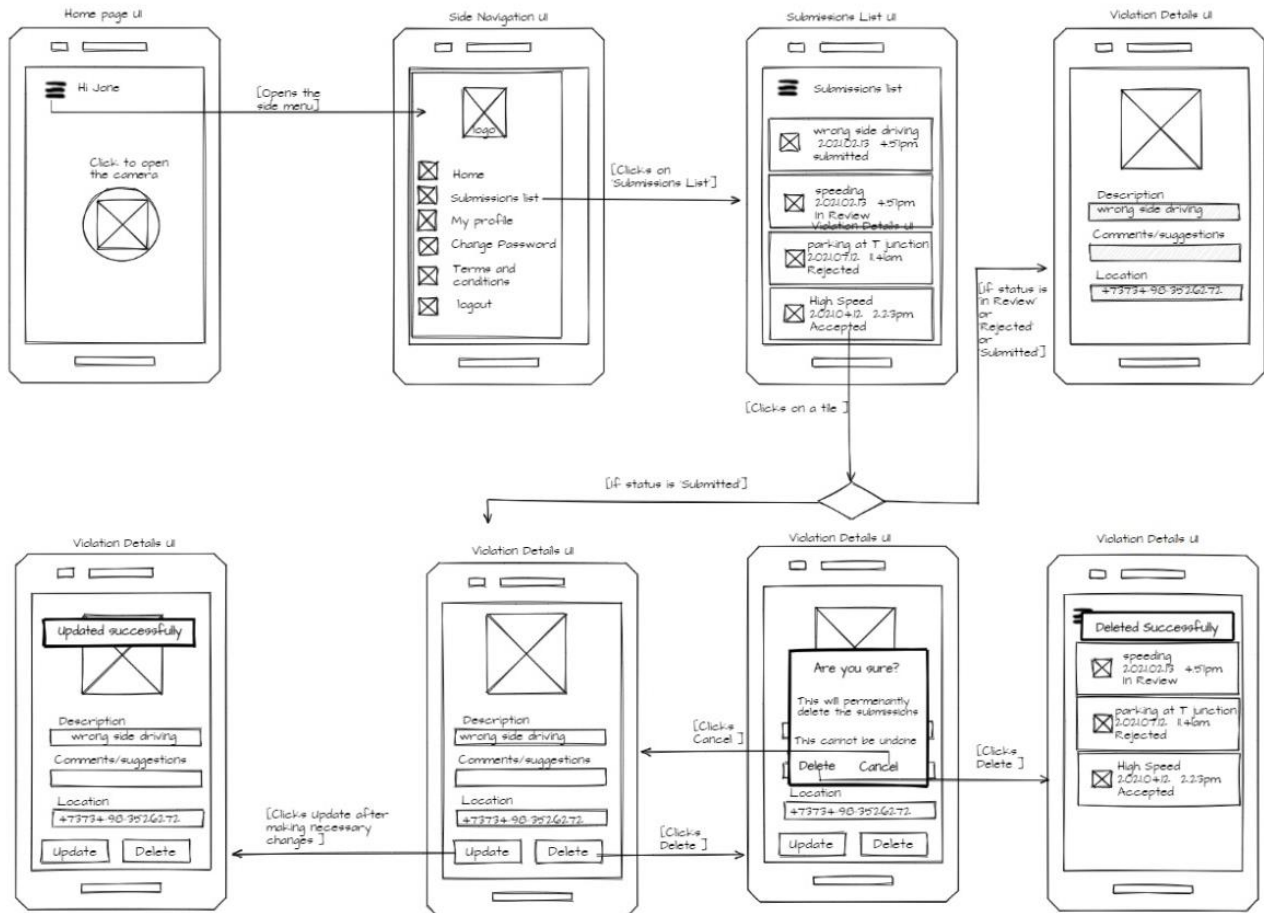
Script 02 36

VIDEO RECORDING 40

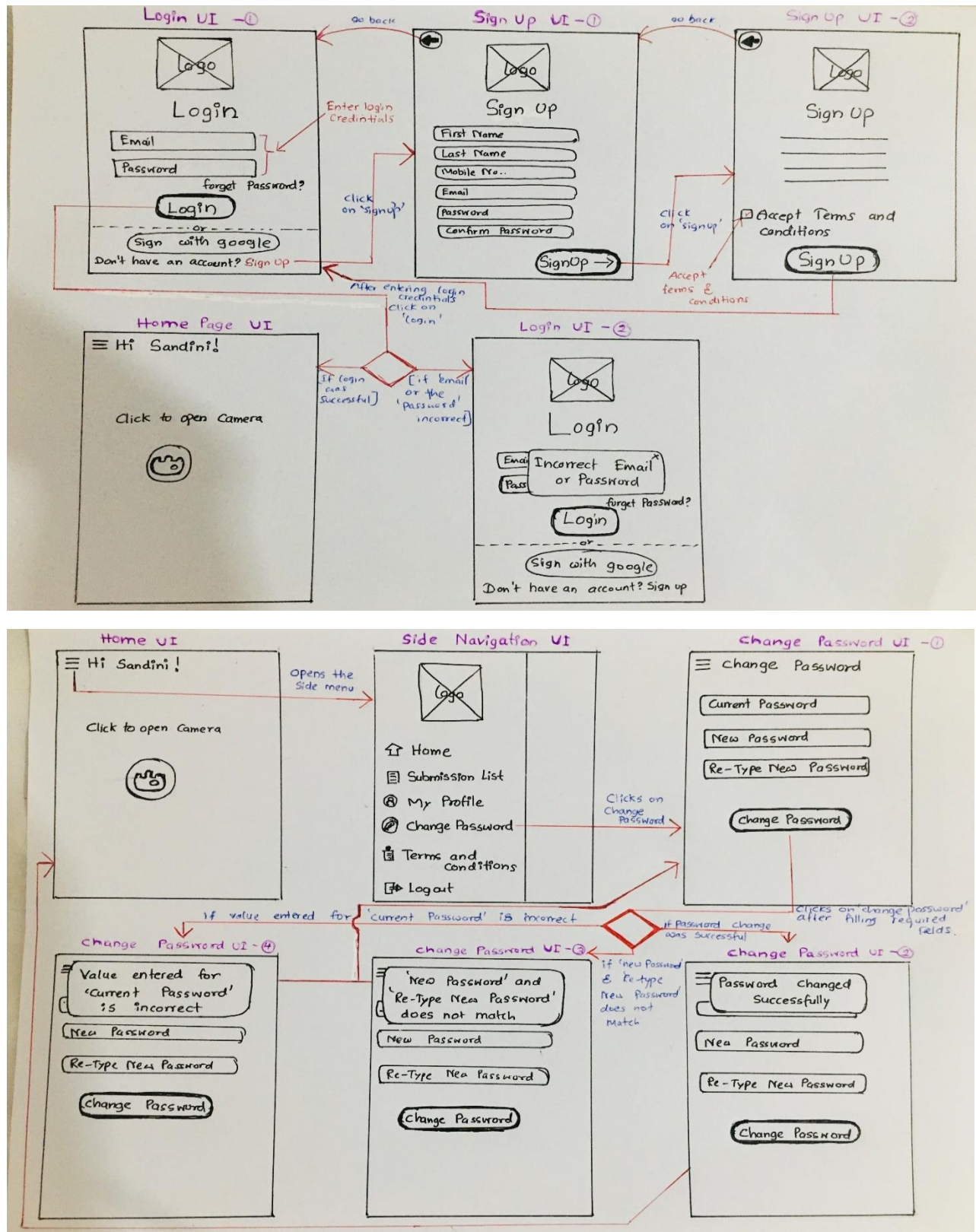
CONTRIBUTION..... 40

SKETCHES

Member 01 - NETHMI

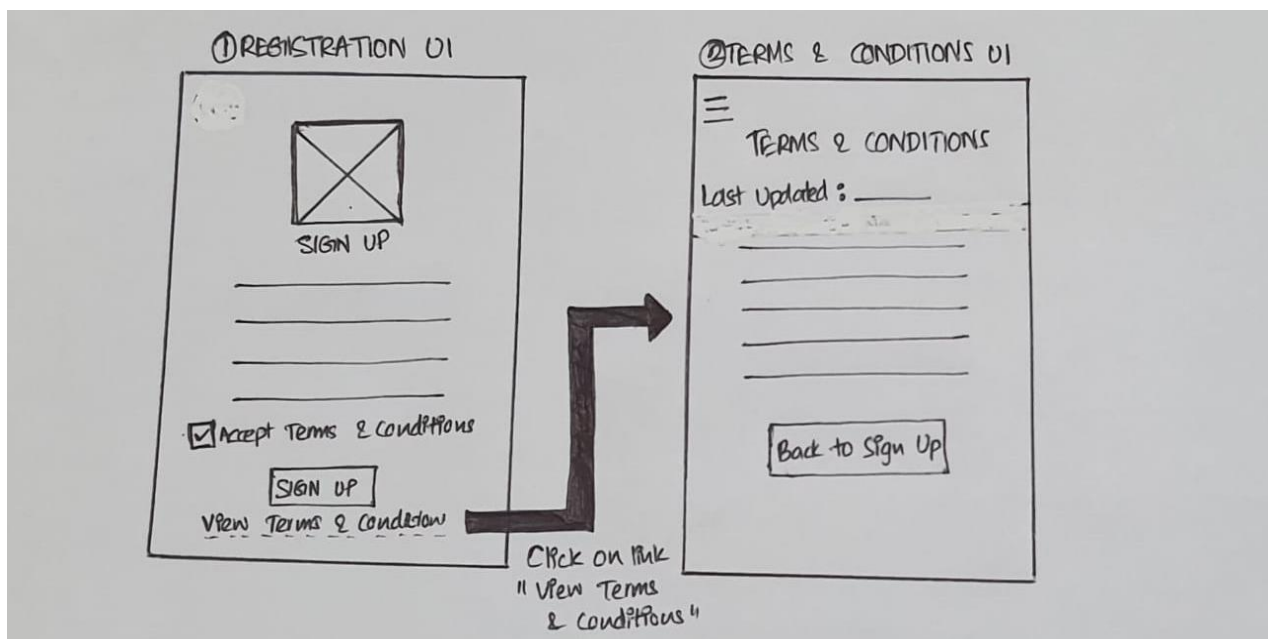
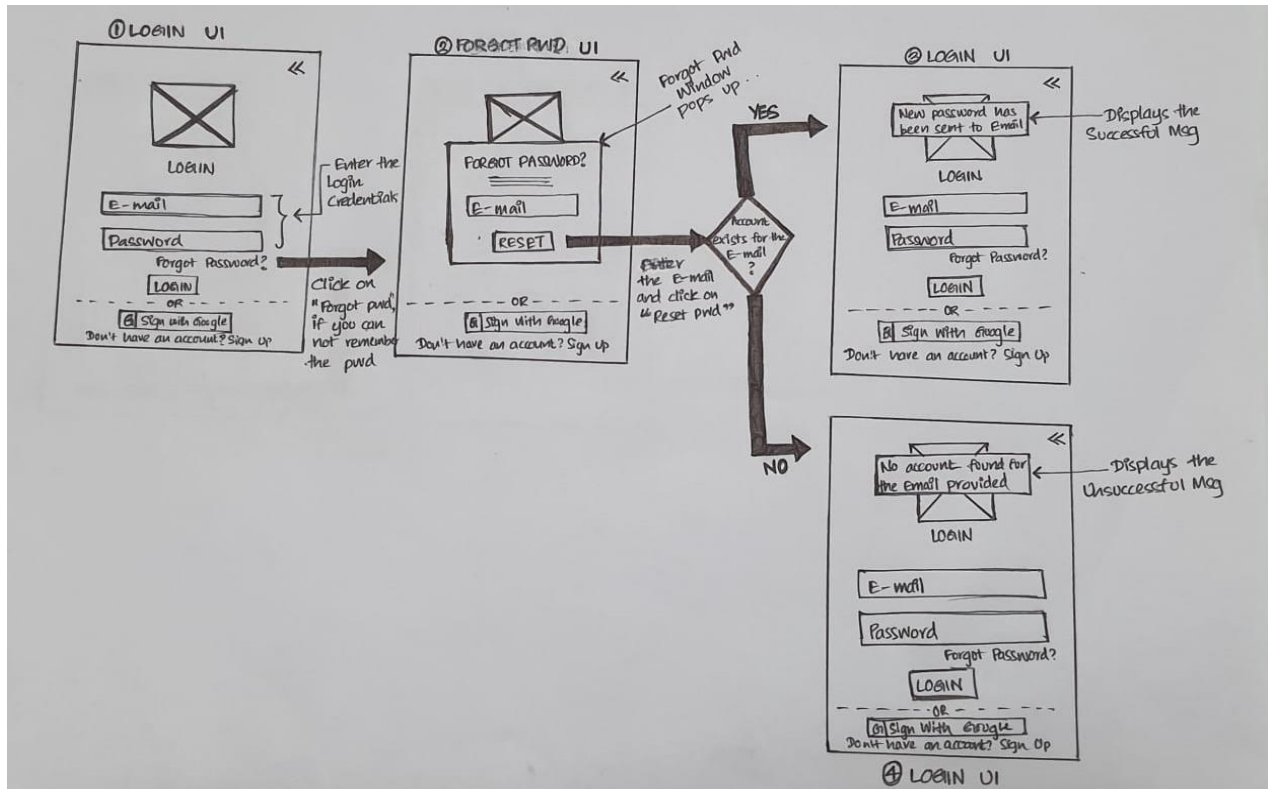


Member 02 - SANDINI

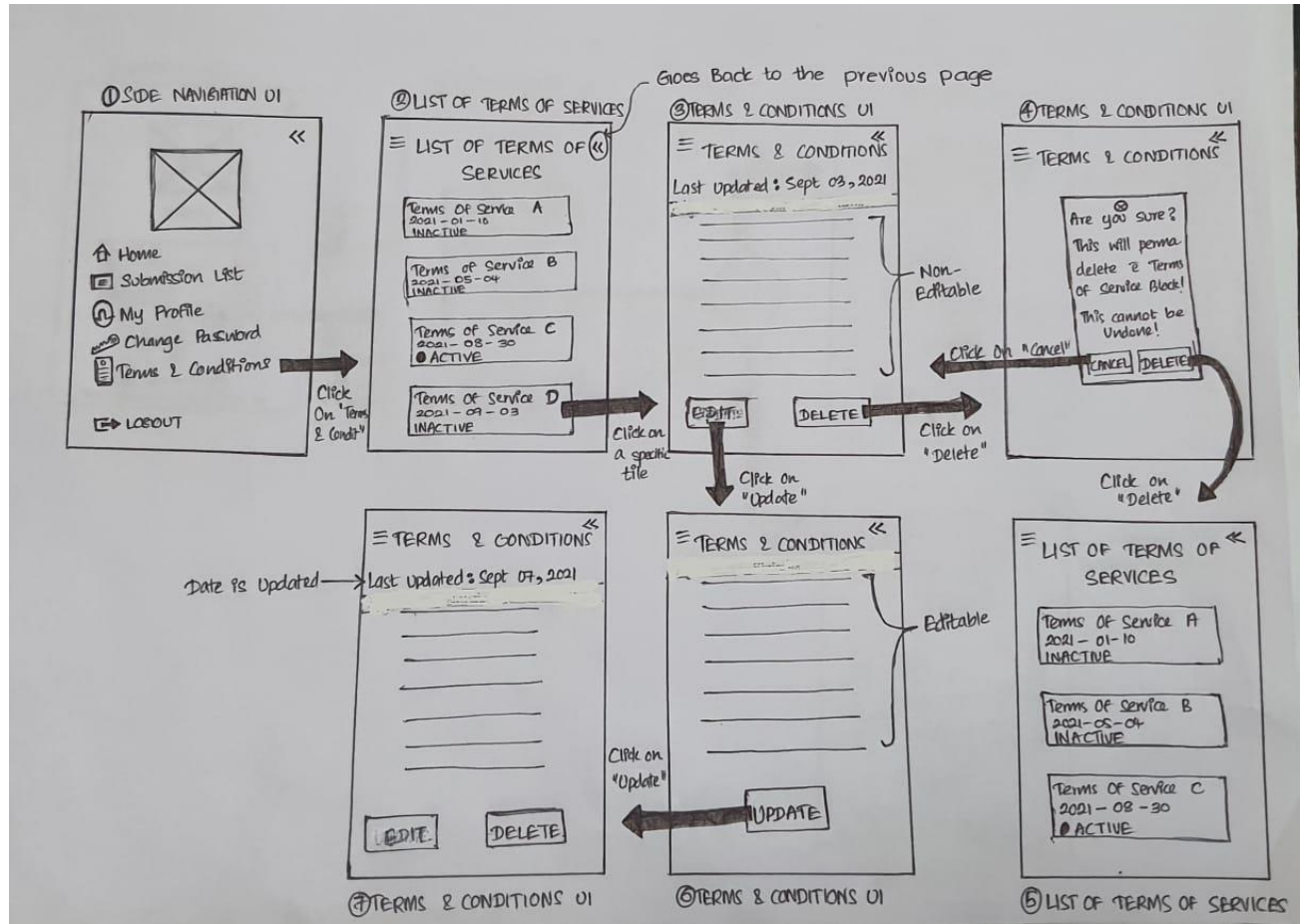


Member 03 - SHEHANI

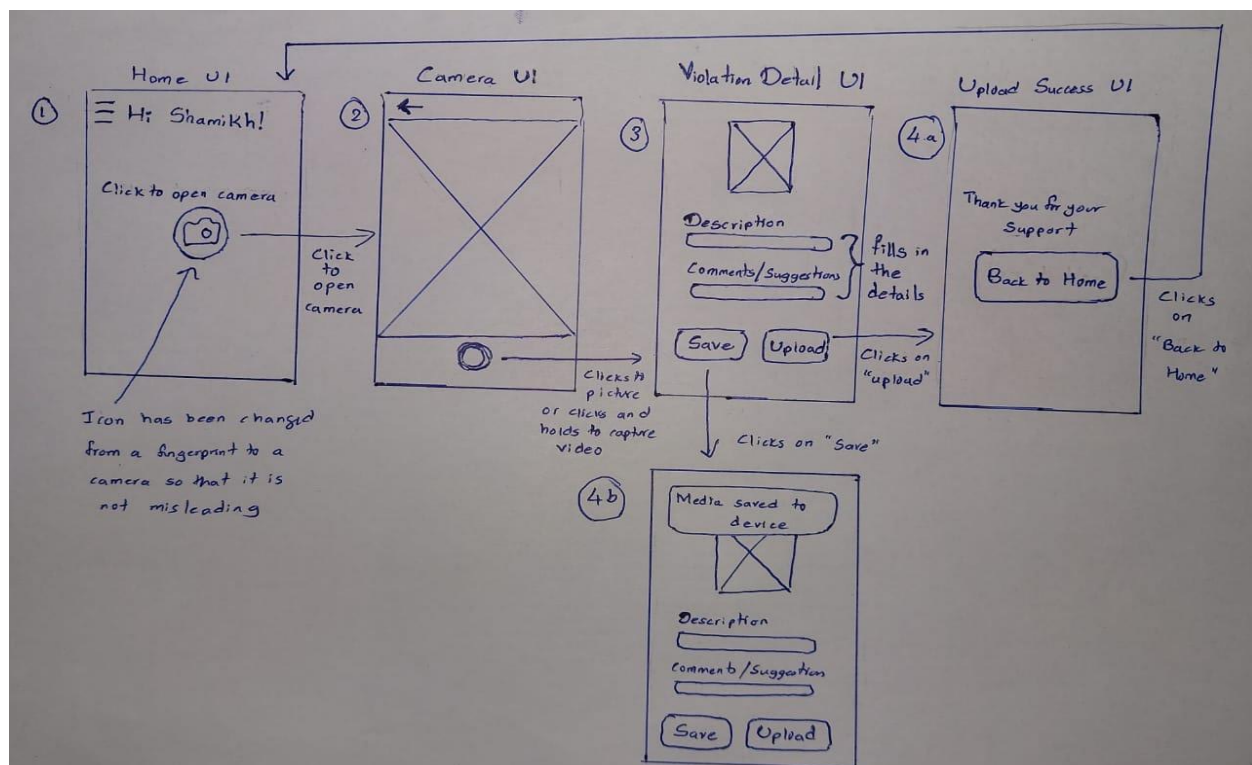
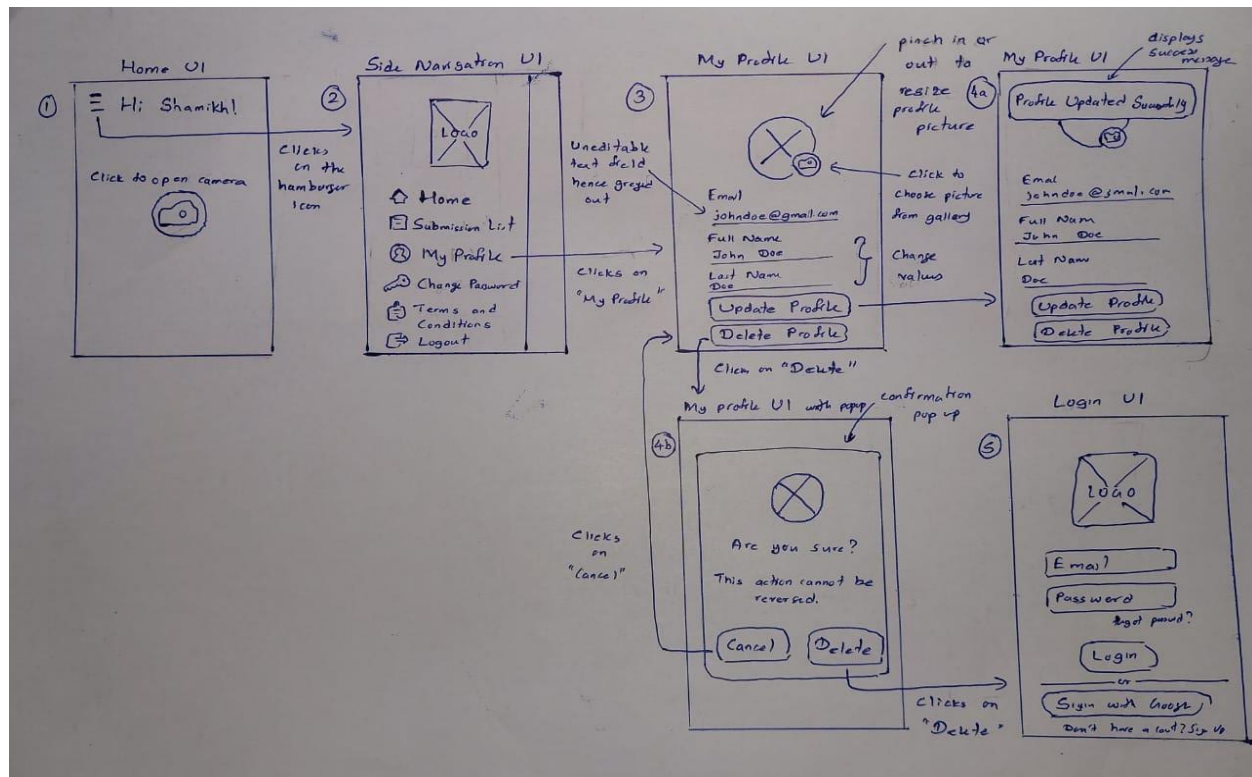
(USER SIDE)



(ADMIN SIDE)

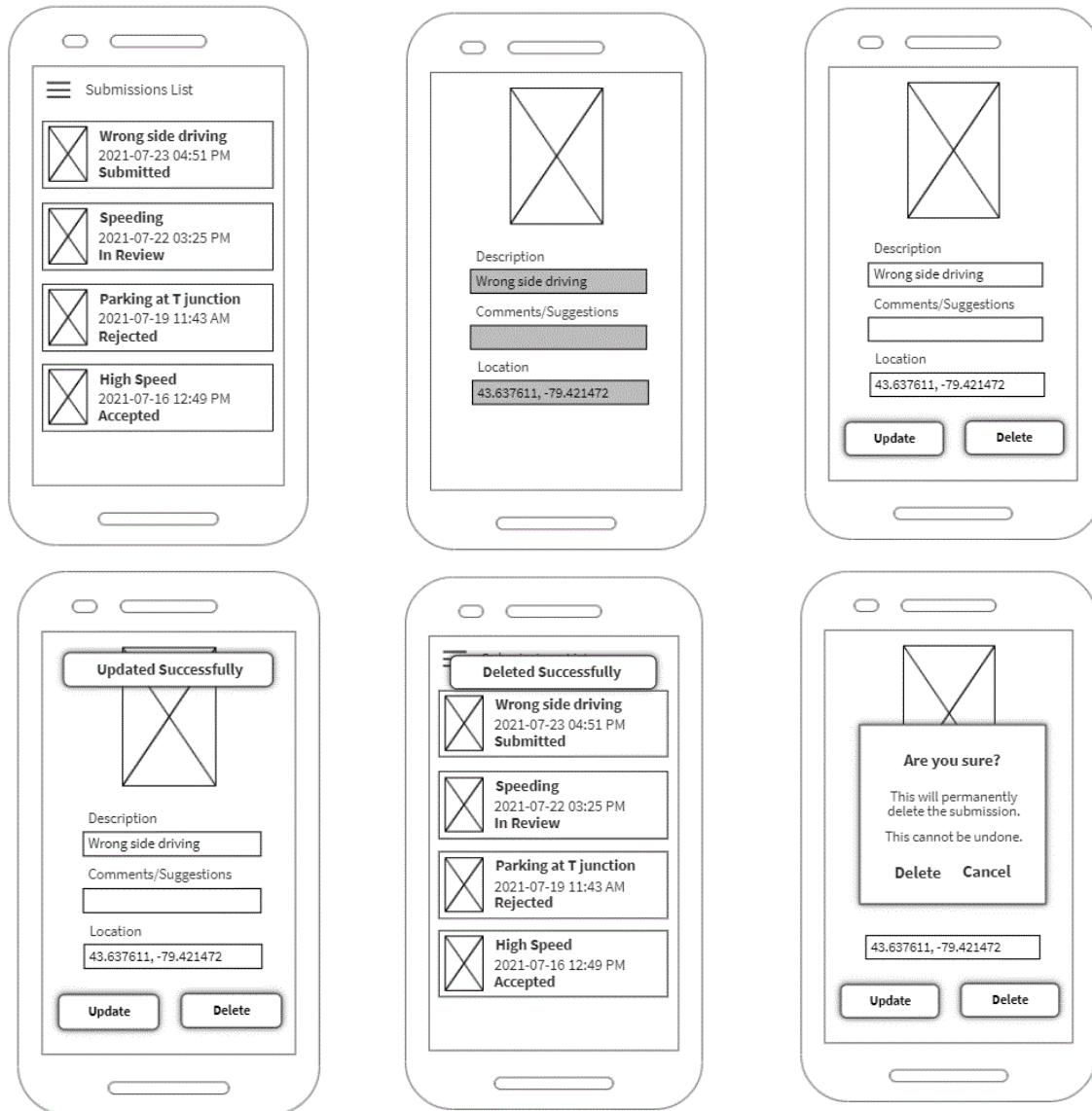


Member 04 – SHAMIKH

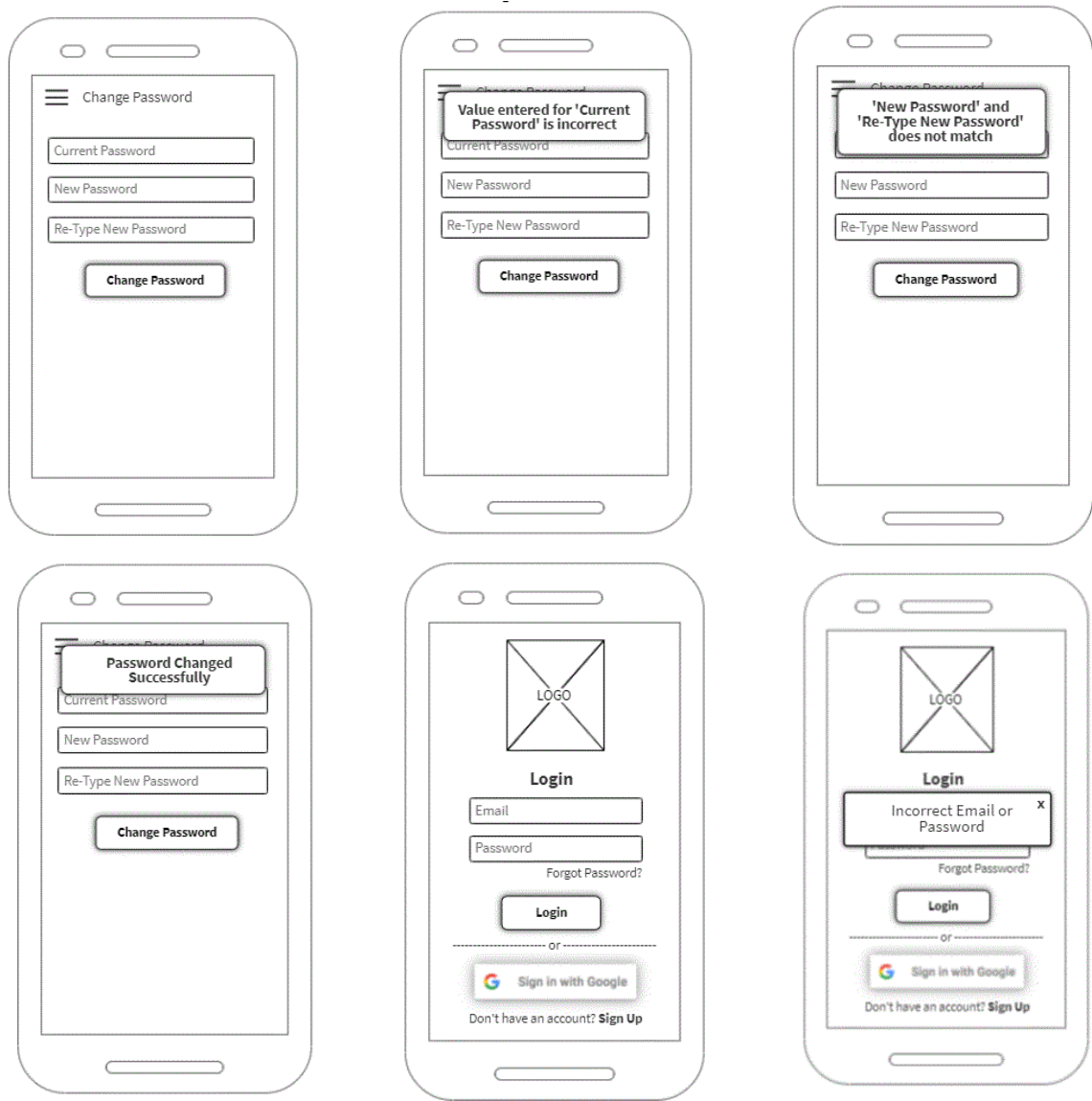


WIREFRAMES

Member 01 – NETHMI



Member 02 – SANDINI



Logo

Sign Up

First Name

Last Name

Mobile Number

Email

Password

Confirm Password

Sign up →

Logo

Sign Up

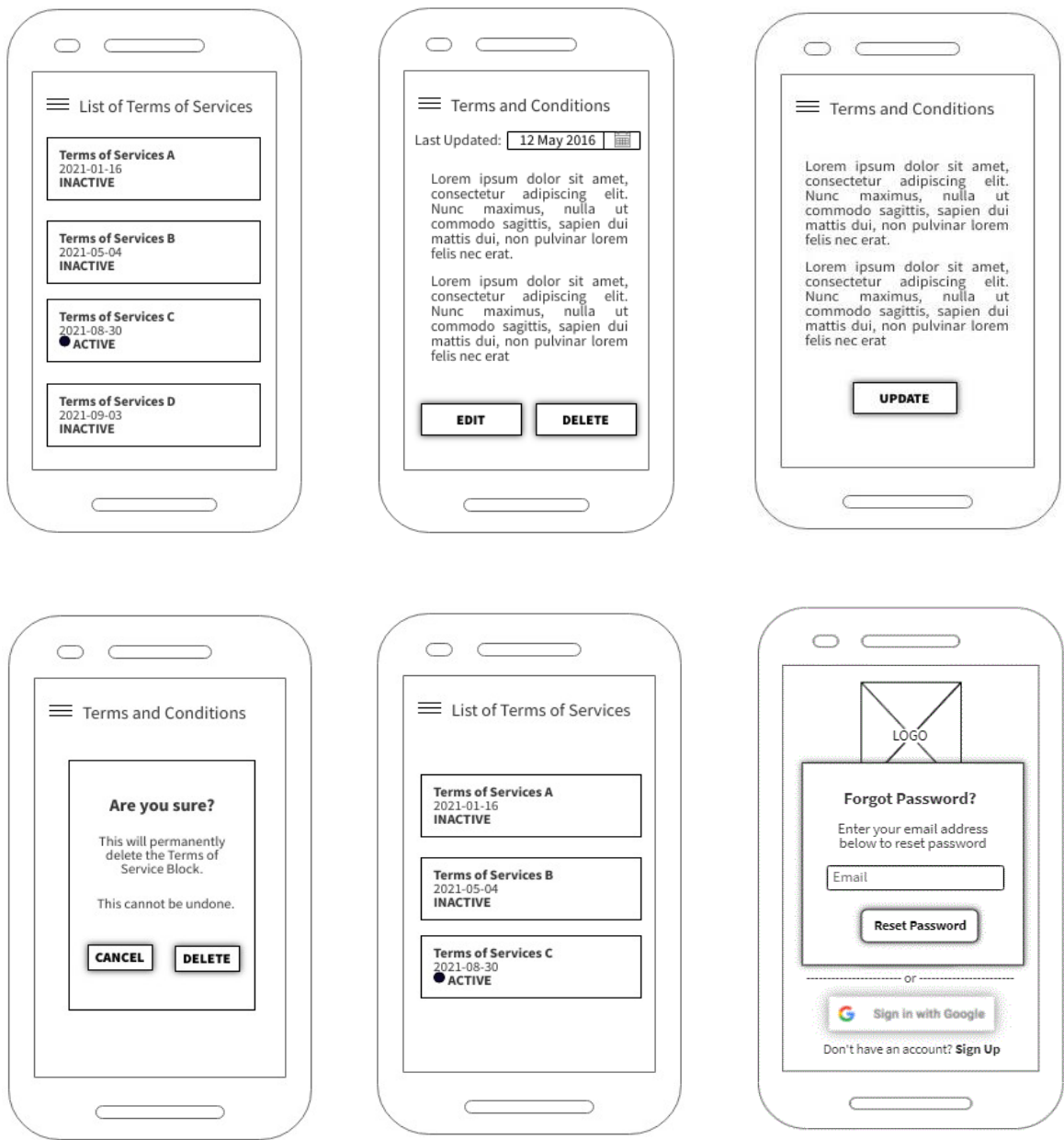
Lorem ipsum dolor sit amet,
consectetur adipiscing elit. Nunc
maximus, nulla ut commodo
sagittis, sapien dui mattis dui, non
pulvinar lorem felis nec erat.sapien
dui mattis dui, non pulvinar lorem
felis nec erat

☒ Accept Terms and Conditions

Sign up

View Terms and Conditions

MEMBER 03 - SHEHANI



New Password has been sent to your Email

Login


Email

Password

[Forgot Password?](#)

Login

or

 Sign in with Google

Don't have an account? **Sign Up**

No Account found for the Email provided

Login


Email

Password

[Forgot Password?](#)

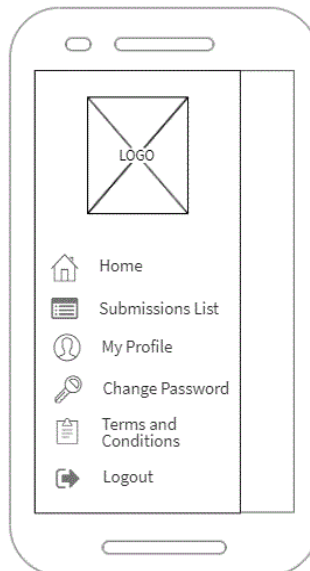
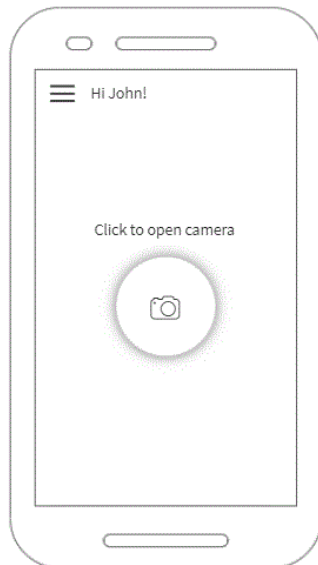
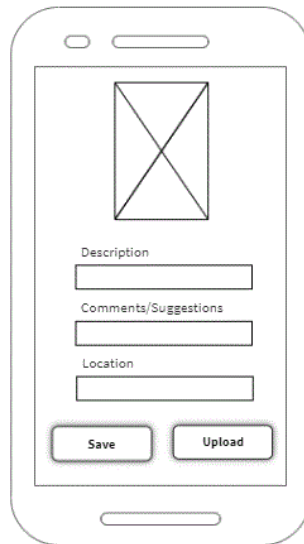
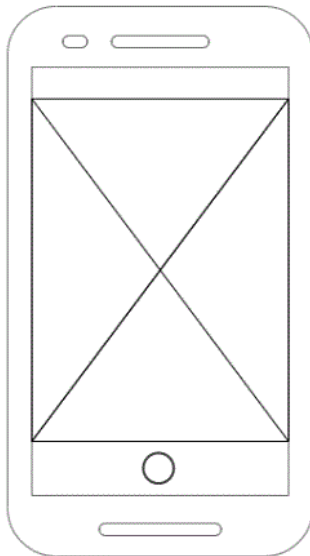
Login

or

 Sign in with Google

Don't have an account? **Sign Up**

MEMBER 04 – SHAMIKH





A user profile form displayed on a smartphone screen. The form includes a circular profile picture placeholder, an email field with the value 'johndeo@gmail.com', a full name field with the value 'John Deo', and a last name field with the value 'Deo'. Below the input fields are two buttons: 'Update Profile' and 'Delete Profile'.

Email

johndeo@gmail.com

Full Name

John Deo

Last Name

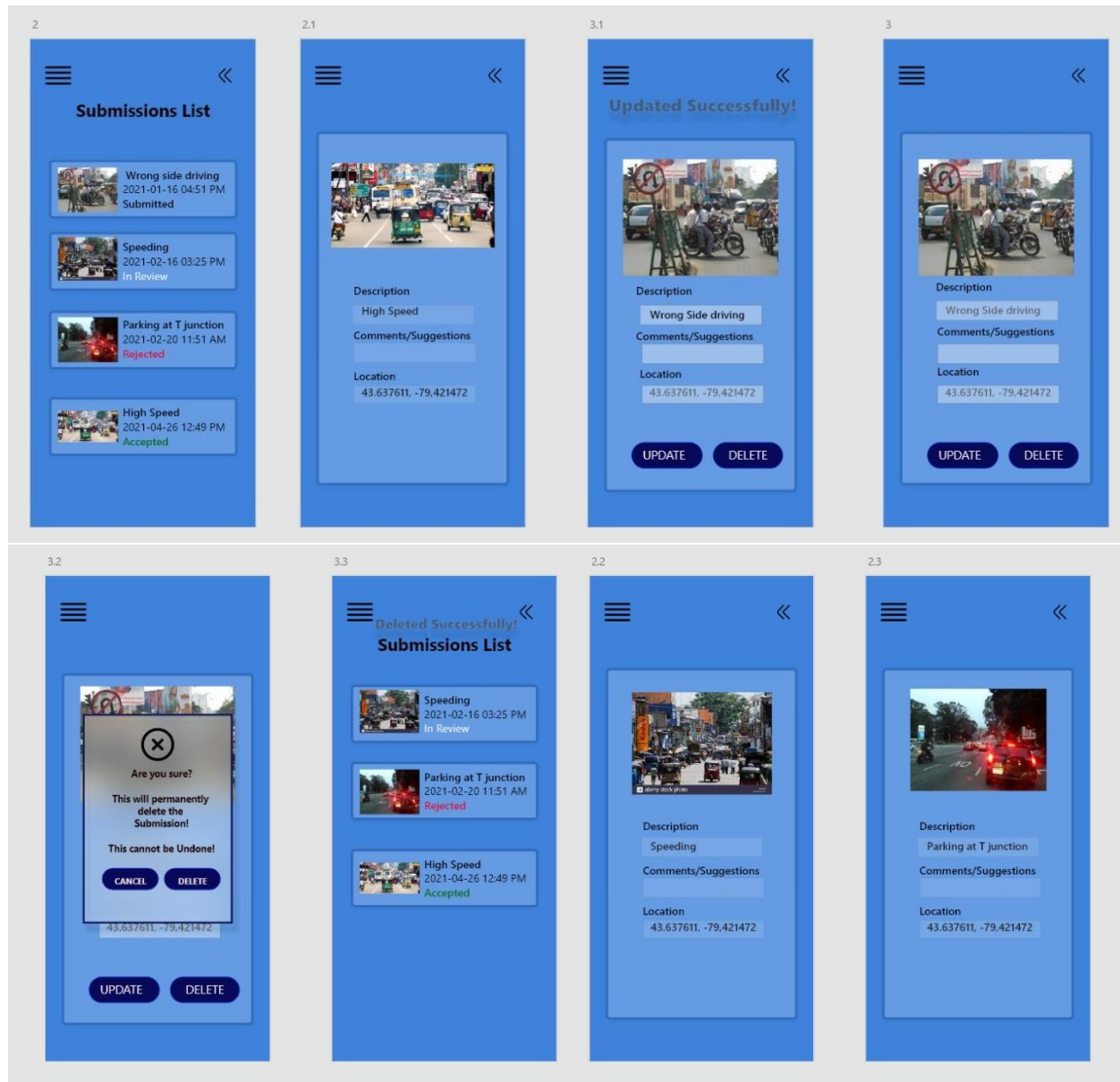
Deo

Update Profile

Delete Profile

PROTOTYPE VERSION – 01





iPhone X, XS, 11 Pro – 7



iPhone X, XS, 11 Pro – 8



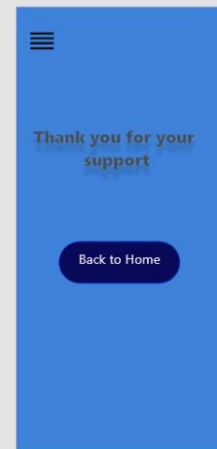
iPhone X, XS, 11 Pro – 9



iPhone X, XS, 11 Pro – 12



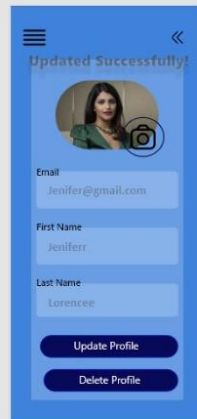
iPhone X, XS, 11 Pro – 13



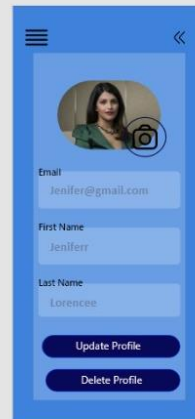
iPhone X, XS, 11 Pro – 23



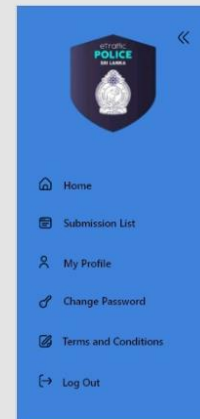
iPhone X, XS, 11 Pro – 22



iPhone X, XS, 11 Pro – 21



iPhone X, XS, 11 Pro – 15



iPhone 12, 12 Pro – 16

☰ <<

'New Password' & 'Re-Enter New Password' does not match!

New Password

Re-Enter New Password

CHANGE PASSWORD

iPhone 12, 12 Pro – 8

If Value entered for 'Current Password' is Incorrect

iPhone 12, 12 Pro – 9

☰ <<

Value entered for 'Current Password' is incorrect!

New Password

Re-Enter New Password

CHANGE PASSWORD

iPhone 12, 12 Pro – 12

☰

CHANGE PASSWORD

Current Password

New Password

Re-Enter New Password

CHANGE PASSWORD

iPhone 12, 12 Pro – 13

If Password was Successfully changed

iPhone 12, 12 Pro – 14

☰ <<

Password Changed Successfully!

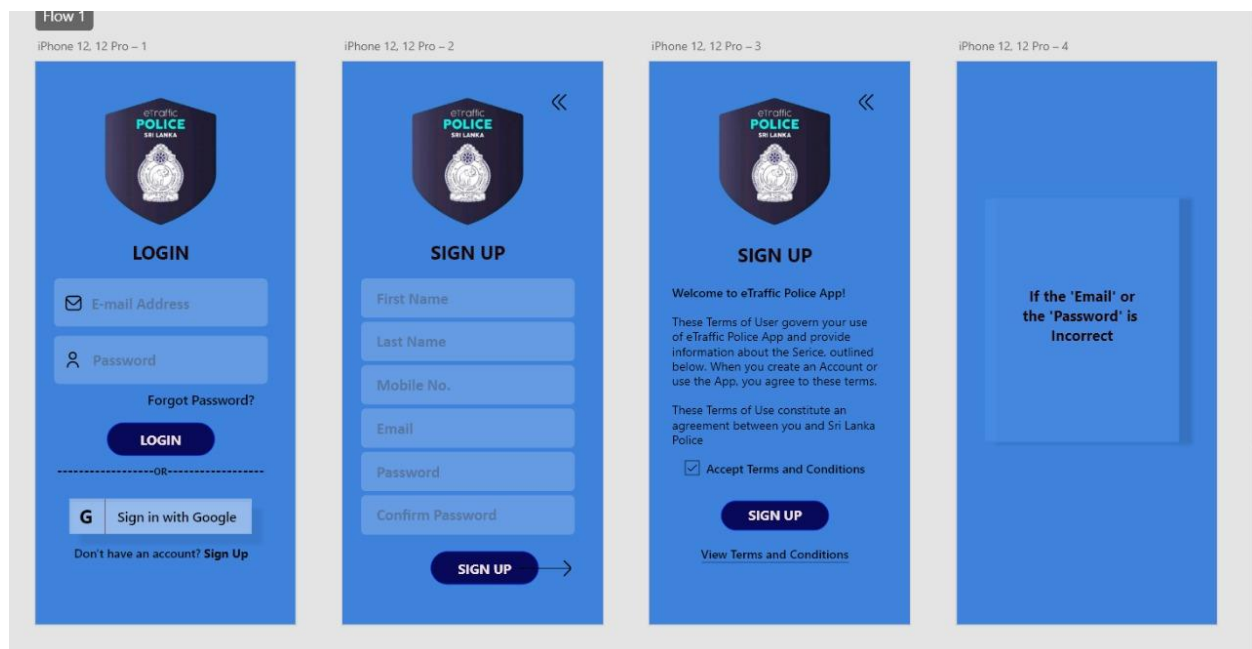
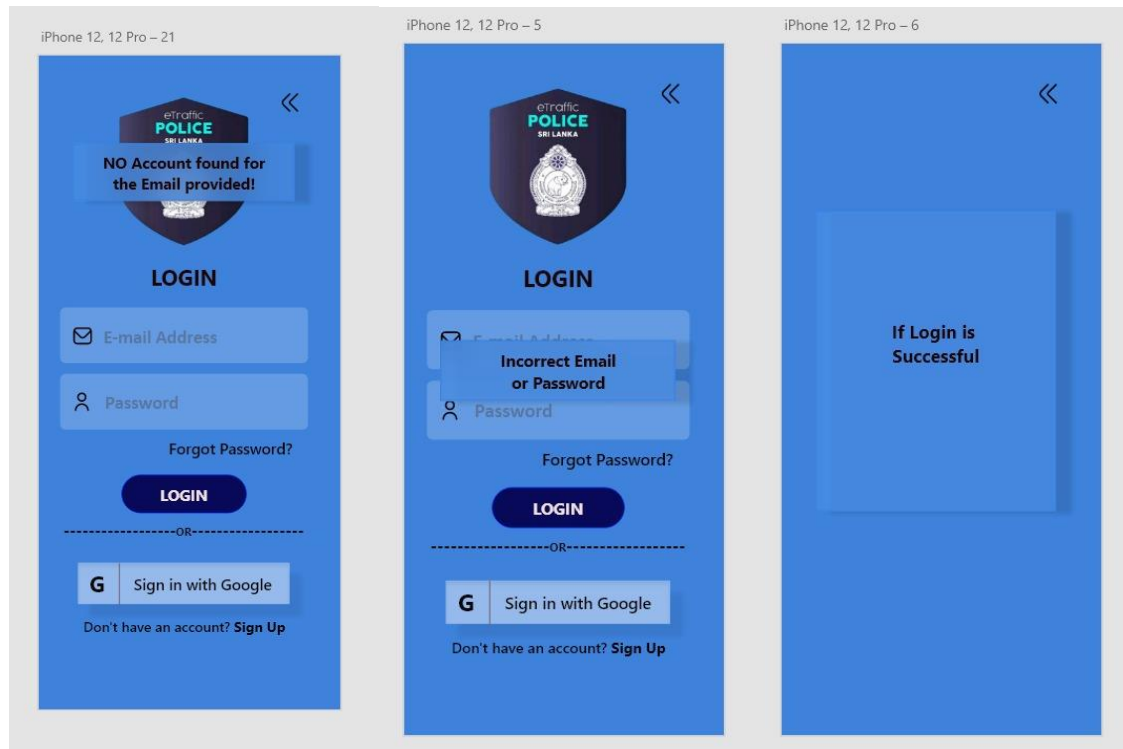
New Password

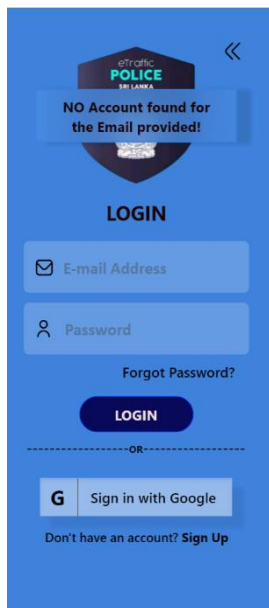
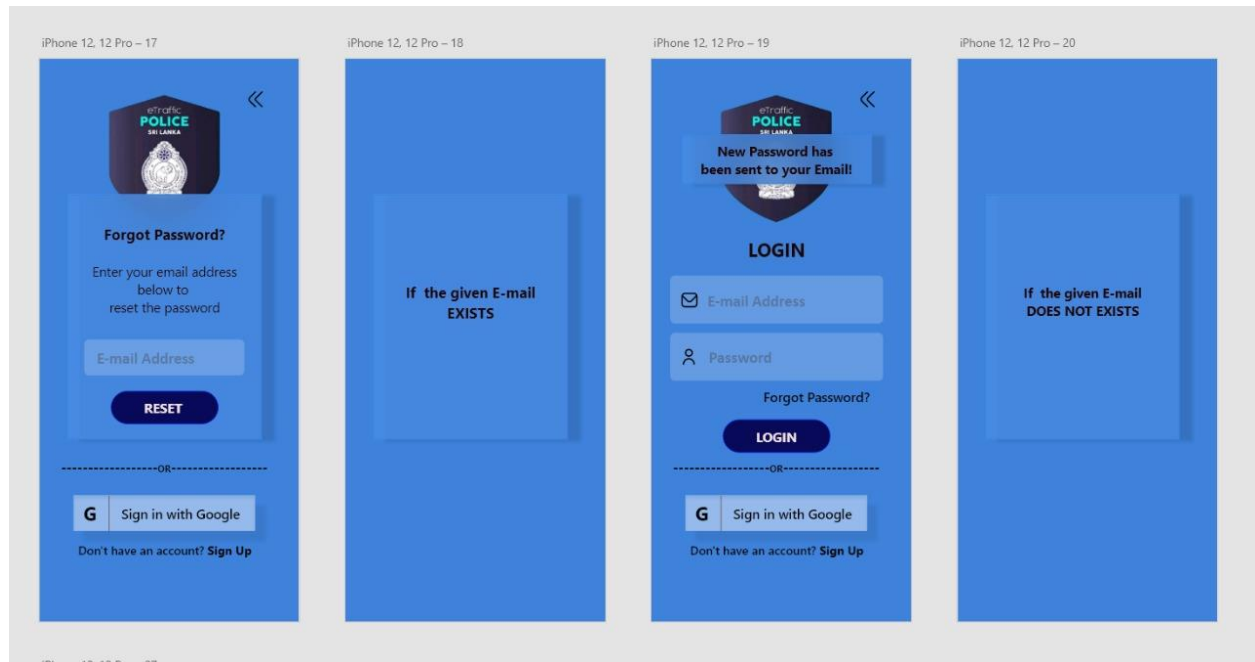
Re-Enter New Password

CHANGE PASSWORD

iPhone 12, 12 Pro – 15

If 'New Password' & 'Re-Enter New Password' Does Not match







iPhone 12, 12 Pro – 27

TERMS AND CONDITIONS

Last Updated: Sept 07, 2021

These terms and conditions ("Agreement") set forth the general terms and conditions of your use of the "eTraffic Police" mobile application ("Mobile Application" or "Service") and any of its related products and services (collectively, "Services"). This Agreement is legally binding between you ("User", "you" or "your") and Sri Lanka Police ("Operator", "we", "us" or "our"). By accessing and using the Mobile Application and Services, you acknowledge that you have read, understood, and agree to be bound by the terms of this Agreement. If you are entering into this Agreement on behalf of a business or other legal entity, you represent that you have the authority to bind such an entity to this Agreement, in which case the terms "User", "you" or "your" shall refer to such entity.

[BACK TO SIGN UP](#)

iPhone 12, 12 Pro – 11

TERMS AND CONDITIONS



Are you sure?

This will permanently
delete the
Terms Of Service Block!

This cannot be Undone!

[CANCEL](#)

[DELETE](#)

iPhone 12, 12 Pro – 25

Successfully Deleted! <<

LIST OF TERMS OF SERVICES

Terms Of Service A
2021-01-16
INACTIVE

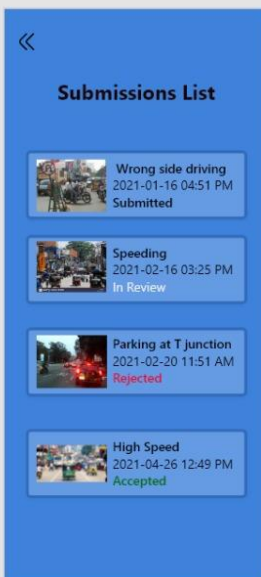
Terms Of Service B
2021-05-04
INACTIVE

Terms Of Service C
2021-08-30
ACTIVE

PROTOTYPE VERSION – 02



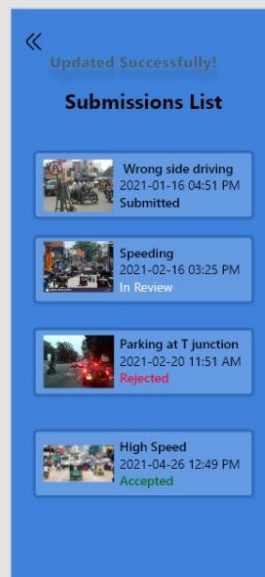
2



2.1



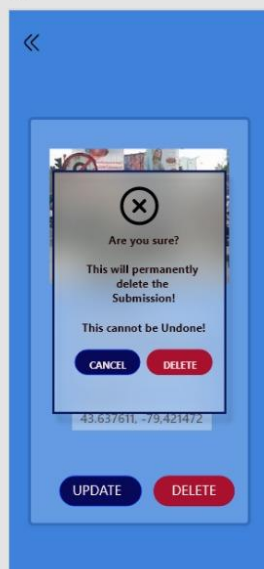
3.1



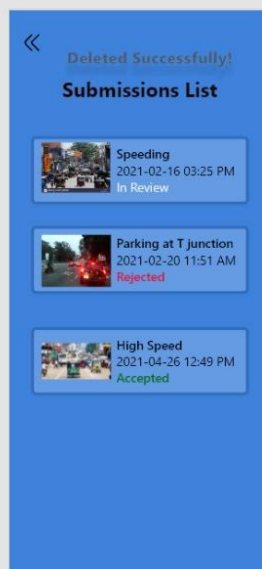
3



3.2



3.3



2.2




2.3



iPhone X, XS, 11 Pro – 25

<<

Updated Successfully!



Email
Jenifer@gmail.com

First Name
Jeniffer


Last Name
Brown

Update Profile

Delete Profile

iPhone X, XS, 11 Pro – 26

<<



Email
Jenifer@gmail.com


First Name
Jeniffer

Last Name
Brown

Update Profile

Delete Profile

iPhone X, XS, 11 Pro – 14


Jeniffer Brown
jenifferbrown14@gmail.com

My Profile

Submission List

Change Password

Terms and Conditions

Privacy Policy

Log Out

Flow 1

iPhone X, XS, 11 Pro – 19

Hi Jeniffer!

Click To Open Camera



iPhone X, XS, 11 Pro – 16



iPhone X, XS, 11 Pro – 17

<<



Description

Comments/Suggestions

Location

SAVE

iPhone X, XS, 11 Pro – 18

<<

Media Saved To Device!



Description
Wrong Side driving

Comments/Suggestions

Location
43.637611, -79.421472

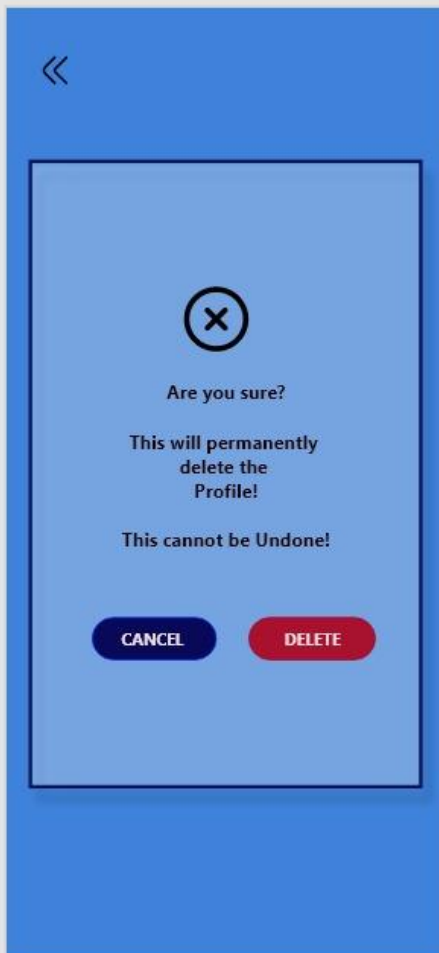
UPLOAD

iPhone X, XS, 11 Pro – 20

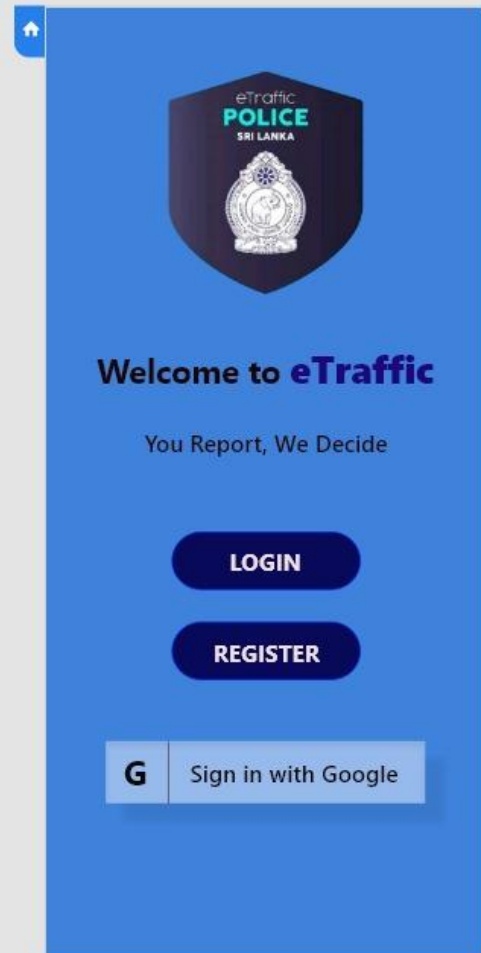
Thank you for your support

Back to Home

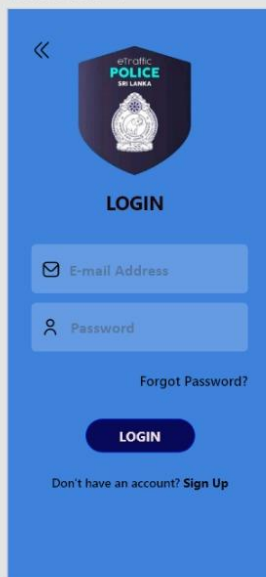
iPhone X, XS, 11 Pro – 28



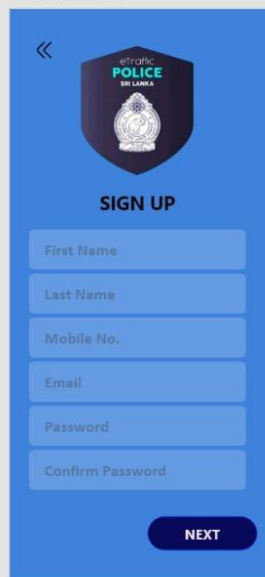
Welcome Page



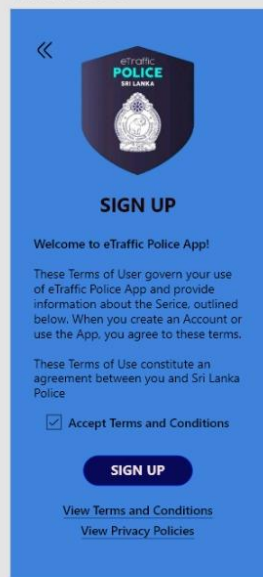
iPhone 12, 12 Pro – 1



iPhone 12, 12 Pro – 2



iPhone 12, 12 Pro – 3




iPhone 12, 12 Pro – 4



iPhone 12, 12 Pro – 5

<<



LOGIN

Incorrect Email
or Password

Forgot Password?

LOGIN

Don't have an account? [Sign Up](#)

iPhone 12, 12 Pro – 6

If Login is
Successful

iPhone 12, 12 Pro – 8

<<

CHANGE PASSWORD

CHANGE PASSWORD

iPhone 12, 12 Pro – 9

If Password was
Successfully changed

iPhone 12, 12 Pro – 10

<<

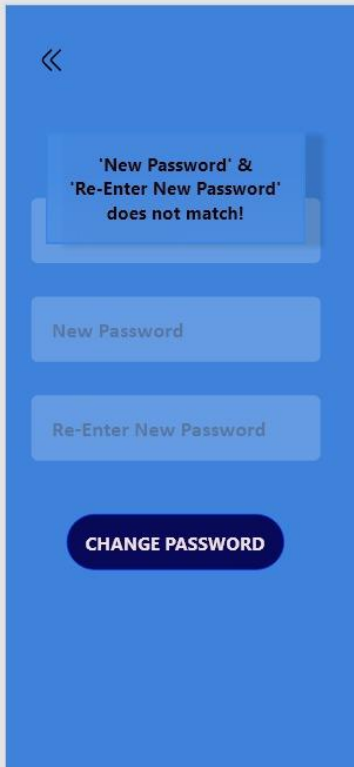
**Password Changed
Successfully!**

CHANGE PASSWORD

iPhone 12, 12 Pro – 11

If 'New Password' &
'Re-Enter New Password'
Does Not match

iPhone 12, 12 Pro – 12



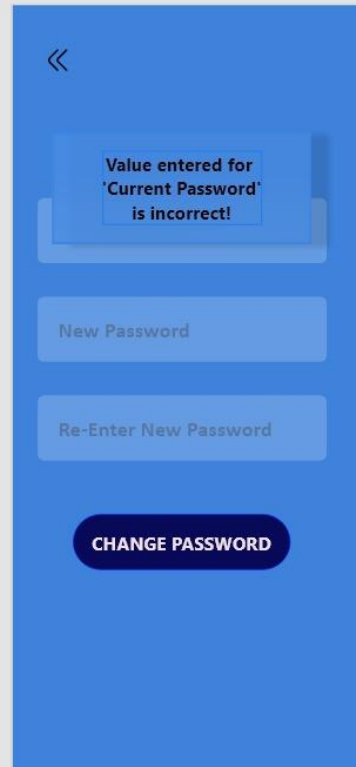
Mobile app screen for password change confirmation. The screen has a blue background and a back arrow in the top left corner. A message box at the top states: "New Password & Re-Enter New Password does not match!". Below this are two input fields: "New Password" and "Re-Enter New Password". At the bottom is a dark blue button labeled "CHANGE PASSWORD".

iPhone 12, 12 Pro – 13



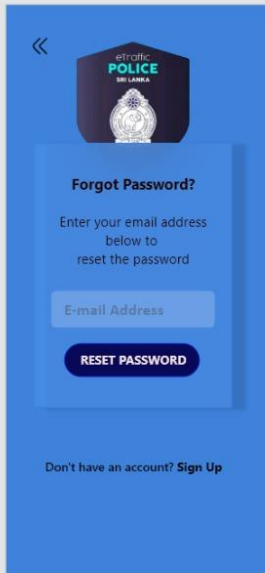
Mobile app screen for password change confirmation. The screen has a blue background. A message box in the center states: "If Value entered for 'Current Password' is Incorrect".

iPhone 12, 12 Pro – 14



Mobile app screen for password change confirmation. The screen has a blue background and a back arrow in the top left corner. A message box at the top states: "Value entered for 'Current Password' is incorrect!". Below this are two input fields: "New Password" and "Re-Enter New Password". At the bottom is a dark blue button labeled "CHANGE PASSWORD".

iPhone 12, 12 Pro – 15



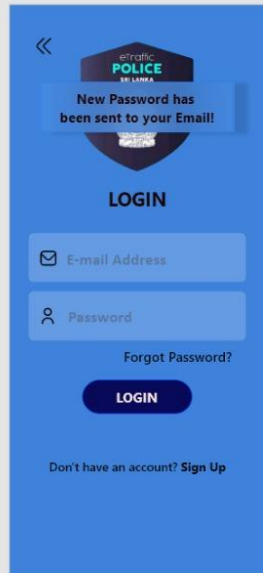
Mobile app screen for forgot password. The screen has a blue background and a back arrow in the top left corner. At the top is the Sri Lanka Police logo. Below it is the text "Forgot Password?". A message says: "Enter your email address below to reset the password". There is an input field for "E-mail Address". At the bottom is a dark blue button labeled "RESET PASSWORD". At the very bottom, it says "Don't have an account? Sign Up".

iPhone 12, 12 Pro – 16



Mobile app screen for forgot password. The screen has a blue background. A message box in the center states: "If the given E-mail EXISTS".

iPhone 12, 12 Pro – 17





Mobile app screen for login. The screen has a blue background and a back arrow in the top left corner. At the top is the Sri Lanka Police logo. Below it is a message box stating: "New Password has been sent to your Email!". Below this is the text "LOGIN". There are two input fields: "E-mail Address" and "Password". Below the "Password" field is a link: "Forgot Password?". At the bottom is a dark blue button labeled "LOGIN". At the very bottom, it says "Don't have an account? Sign Up".

iPhone 12, 12 Pro – 18




Mobile app screen for login. The screen has a blue background. A message box in the center states: "If the given E-mail DOES NOT EXISTS".


iPhone 12, 12 Pro – 7



NO Account found for the Email provided!

LOGIN

 E-mail Address

 Password

Forgot Password?

LOGIN

Don't have an account? Sign Up

iPhone 12, 12 Pro – 19



TERMS AND CONDITIONS

Last Updated: Sept 07, 2021

English

සිංහල

தமிழ்

These terms and conditions ("Agreement") set forth the general terms and conditions of your use of the "eTraffic Police" mobile application ("Mobile Application" or "Service") and any of its related products and services (collectively, "Services"). This Agreement is legally binding between you ("User", "you" or "your") and Sri Lanka Police ("Operator", "we", "us" or "our"). By accessing and using the Mobile Application and Services, you acknowledge that you have read, understood, and agree to be bound by the terms of this Agreement. If you are entering into this Agreement on behalf of a business or other legal entity, you represent that you have the authority to bind such an entity to this Agreement, in which case the terms "User", "you" or "your" shall refer to such entity.

BACK TO SIGN UP

iPhone 12, 12 Pro – 20



PRIVACY POLICY

Last Updated: Sept 01, 2021

English

සිංහල

தமிழ்

Effective Date: Sept 14, 2018

Sri Lankan Police ("us", "we", or "our") operates the Sri Lankan eTraffic Police Mobile Application (the "Service"). This page informs you of our policies regarding the collection, use, and disclosure of personal data when you use our Service and the choices you have associated with that data.

We use your data to provide and improve the Service. By using the Service, you agree to the collection and use of information in accordance with this policy.

Unless otherwise defined in this Privacy Policy, terms used in this Privacy Policy have the same meanings as in our Terms and Conditions.

BACK TO SIGN UP

iPhone 12, 12 Pro – 21



LIST OF TERMS OF SERVICES


Terms Of Service A
2021-01-16
INACTIVE

Terms Of Service B
2021-05-04
INACTIVE

Terms Of Service C
2021-08-30
ACTIVE

Terms Of Service D
2021-09-03
INACTIVE

iPhone 12, 12 Pro – 22



TERMS AND CONDITIONS

Last Updated: Sept 03, 2021

English

සිංහල

தமிழ்


These terms and conditions ("Agreement") set forth the general terms and conditions of your use of the "eTraffic Police" mobile application ("Mobile Application" or "Service") and any of its related products and services (collectively, "Services"). This Agreement is legally binding between you ("User", "you" or "your") and Sri Lanka Police ("Operator", "we", "us" or "our"). By accessing and using the Mobile Application and Services, you acknowledge that you have read, understood, and agree to be bound by the terms of this Agreement. If you are entering into this Agreement on behalf of a business or other legal entity, you represent that you have the authority to bind such an entity to this Agreement, in which case the terms "User" and "you" shall refer to such entity.

EDIT

DELETE

iPhone 12, 12 Pro – 23

TERMS AND CONDITIONS



Are you sure?

This will permanently delete the Terms Of Service Block!

This cannot be Undone!

CANCEL

DELETE

iPhone 12, 12 Pro – 24



Successfully Deleted!

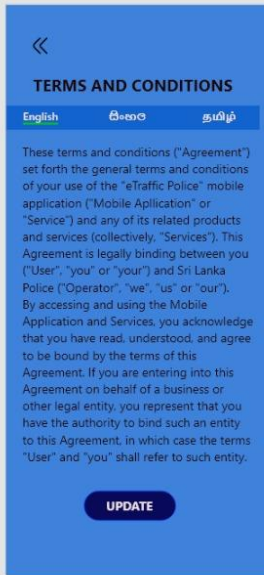
LIST OF TERMS OF SERVICES

Terms Of Service A
2021-01-16
INACTIVE

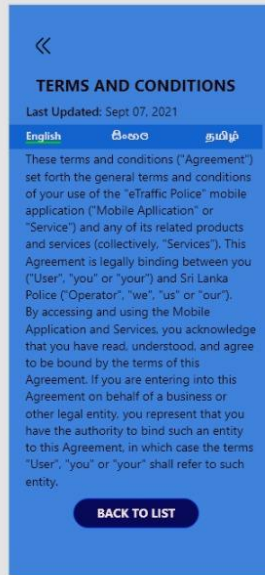
Terms Of Service B
2021-05-04
INACTIVE

Terms Of Service C
2021-08-30
ACTIVE

iPhone 12, 12 Pro – 27



iPhone 12, 12 Pro – 28



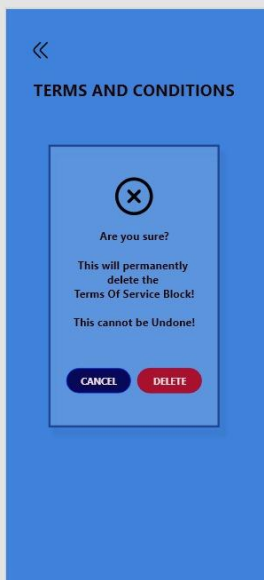
iPhone 12, 12 Pro – 29



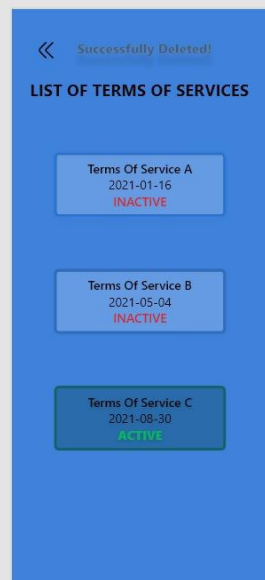
iPhone 12, 12 Pro – 30



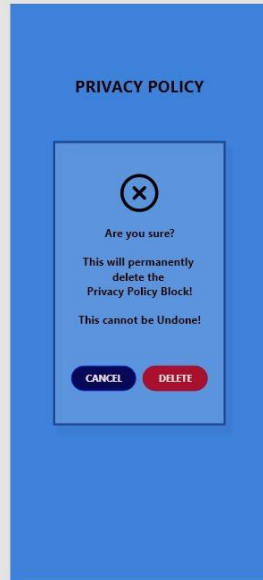
iPhone 12, 12 Pro – 31



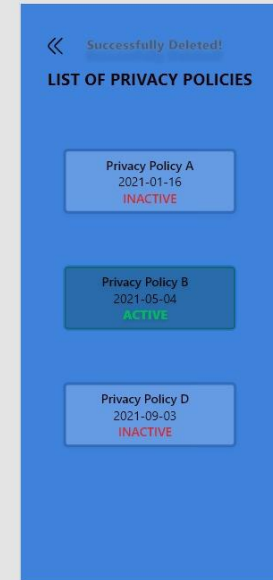
iPhone 12, 12 Pro – 32



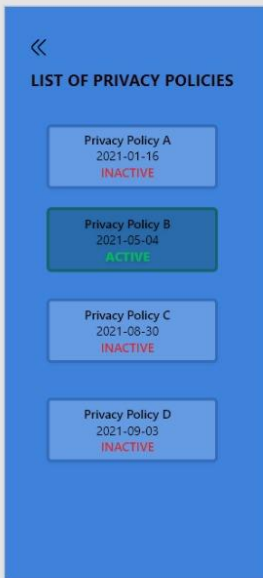
iPhone 12, 12 Pro – 41



iPhone 12, 12 Pro – 42



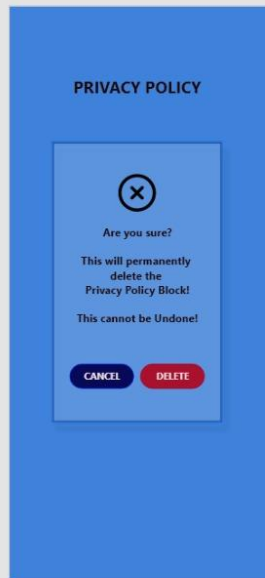
iPhone 12, 12 Pro – 26



iPhone 12, 12 Pro – 33



iPhone 12, 12 Pro – 34



iPhone 12, 12 Pro – 35



iPhone 12, 12 Pro – 37



iPhone 12, 12 Pro – 38



iPhone 12, 12 Pro – 39



iPhone 12, 12 Pro – 40



INTERVIEWING

Script 01

Hi Ishara, thank you again for taking the time to participate in this study.

Before we begin, I'm going to give you a brief overview of the test and how it will work.

As you have joined us with our previous interview about the e Traffic police app you have some experience on how this interview going on. We have redesigned the app using design principles to overcome the defects of the previous app. We will share the prototype with you, and you have to do some tasks on the shared prototype and comment on it.

Shall we start then?

I have given the access to you.

1. Here goes the task 1
 - When you open the app, as you can see you will be able to see the Login page
 - Here if you don't have an account, what you have to do is to register to the application first
 - You can click on Sign Up, where you will be navigated to the sign-up page
 - Here, you can enter your details and click on Sign Up button
 - Ok, now you can see the Sign-Up page where you have to accept the Terms and Conditions.
 - You can click on View to view the terms and conditions related to this app.
 - Then you can click 'Back to Sign Up' and accept the terms and conditions. You can only proceed registration if you accept it.
 - And then click on Sign Up button
 - Ok, you are landed into the login page.

Do you have any suggestions to improve this further or any comments to add?

2. Here goes the task 2

Just assume that you have forgotten your password, then you have to undergo the forgot password process.

- In the login page, click on 'Forgot Password' which is there below the input fields
- Now you can see the pop-up message where you have to enter your E-mail address to reset the password
- Here you can type your Email and click on 'Reset'
- If a valid E-mail is given, a successful message will prompt saying that the new password is sent to your E-mail address
- In case, if you give an invalid E-mail address, an error message will prompt saying that there is NO account for the relevant address you have given
- Assume that you have successfully changed your password. Then you can re-navigate to the login page

3. Here goes the task 3

Here what you have to do is to log in to the application.

- Ok as you are still in the login page, you can login to the application.
- Now input your E-mail and password and click on the login button
- If you give invalid credentials, a message will pop-up saying "incorrect email or password" as you see now.
- If you give valid credentials, you can login to the application successfully. Here you can just click on the back button.
- Ok, now you are landed to the Home page.

4. Here goes the task 4

Here what you have to do is change password process.

- You can see the hamburger icon on the top left corner of the home page
- Click on it and you can click on 'Change Password' option.
- If u click it, you will be navigated to the Change password page.
- Here you can insert your current password, new password and retype the new password to confirm it as you see now.
- Afterwards, lick on change password button now.
- If the entered current password is wrong, or if the new passwords mismatch, an error message will prompt
- If not, you will be able to change the password successfully and a successful message will be displayed.
- You will be navigated to the login page to enter the new password with your existing email

5. Let's do the next task

Here What you have to do is edit your profile

- You have successfully signed into the app.
- And now you can see the home page
- You can click the menu icon to view the menu
- Let's take your profile first
- Ok. you are landed into your profile now.
- As you are in your profile page, you can select update button now
- Now you will see that your profile is successfully updated, and a successful message is displayed on the top of your profile page.
-

6. Assume you have accidently clicked the delete button of profile and trying to cancel it.

- As you are in your profile page, you can click the delete button in your profile
- Now you will see a pop-up message to ensure the deletion.
- Then there you can see two buttons. One for proceeding the action where you have to click on the delete button and the other to cancel it, with a cancel button.
- You can select cancel button
- Now again you came to the profile page where you previously were.

7. Here is another task for you. In here what you have to do is upload a photo

- First you have to select menu icon and select home from the menu
- Now you are in home page
- You have to click the camera button now
- Now you can select capture button
- Then select save button to save it to your device
- You can see a successfully saved message.
- Now you have to click the upload button
- You will see a thank you message and now you can return to home page.

8. Here is another task for you. In here what you have to do is edit a submission which you have already uploaded.

- As you are in the home page now, select the menu icon
- From the menu you can select submissions list
- Now you will see list of submissions
- You can select a rejected submission
- Now you will navigate to the relevant page, and you can see there is no option to edit
- Now select back button and return to submission list page
- Select a submission in submission state
- Now you can see the relevant page with update and delete options
- Select update button
- Now you can successfully see the updated message

Do you have any comments to add?

9. This is the final task you have to do. In here what you have to do is delete a submission you have already uploaded.
 - You have to first return to the submission list page
 - Now you can select a submission with submitted state
 - Now click the delete button
 - You can now see two options for cancel and proceed the deletion in a new pop-up message
 - You have to select the delete button
 - Now as you can see you will be able to see a successful message to show that the submission is successful deleted
10. Ok. That's the end the tasks. So, can you please give us some comments on this redesigned prototype?

What do you think?

Thanks for joining.

Script 02

Hi Saranga, thank you again for taking the time to participate in this study.

Before we begin, I'm going to give you a brief overview of the test and how it will work.

As you have joined us with our previous interview about the e Traffic police app you have some experience on how this interview going on. We have redesigned the app using design principles to overcome the defects of the previous app. We will share the prototype with you and you have to do some tasks on the shared prototype and comment on it.

Shall we start then?

I have given the access to you.

1. Here goes the task 1

- When you open the app, as you can see you will be able to see the Login page
- Here if you don't have an account, what you have to do is to register to the application first
- You can click on Sign Up, where you will be navigated to the sign-up page
- Here, you can enter your details and click on Sign Up button
- Ok, now you can see the Sign-Up page where you have to accept the Terms and Conditions.
- You can click on View to view the terms and conditions related to this app.
- Then you can click 'Back to Sign Up' and accept the terms and conditions. You can only proceed registration if you accept it.
- And then click on Sign Up button
- Ok, you are landed into the login page.

2. Here goes the task 2

Just assume that you have forgotten your password, then you have to undergo the forgot password process.

- In the login page, click on 'Forgot Password' which is there below the input fields
- Now you can see the pop-up message where you have to enter your E-mail address to reset the password
- Here you can type your Email and click on 'Reset'
- If a valid E-mail is given, a successful message will prompt saying that the new password is sent to your E-mail address
- In case, if you give an invalid E-mail address, an error message will prompt saying that there is NO account for the relevant address you have given

- Assume that you have successfully changed your password. Then you can re-navigate to the login page

3. Here goes the task 3

Here what you have to do is to log in to the application.

- Ok as you are still in the login page, you can login to the application.
- Now input your E-mail and password and click on the login button
- If you give invalid credentials, a message will pop-up saying "incorrect email or password" as you see now.
- If you give valid credentials, you can login to the application successfully. Here you can just click on the back button.
- Ok, now you are landed to the Home page.

4. Here goes the task 4

Here what you have to do is change password process.

- You can see the hamburger icon on the top left corner of the home page
- Click on it and you can click on 'Change Password' option.
- If u click it, you will be navigated to the Change password page.
- Here you can insert your current password, new password and retype the new password to confirm it as you see now.
- Afterwards, lick on change password button now.
- If the entered current password is wrong, or if the new passwords mismatch, an error message will prompt
- If not, you will be able to change the password successfully and a successful message will be displayed.
- You will be navigated to the login page to enter the new password with your existing email

5. Let's do the next task

Here What you have to do is edit your profile

- You have successfully signed into the app.
- And now you can see the home page
- You can click the menu icon to view the menu
- Let's take your profile first
- Ok. you are landed into your profile now.
- As you are in your profile page you can select update button now
- now you will see that your profile is successfully updated, and a successful message is displayed on the top of your profile page.

6. Assume you have accidentally clicked the delete button of profile and trying to cancel it.
 - As you are in your profile page, you can click the delete button in your profile
 - Now you will see a pop-up message to ensure the deletion.
 - Then there you can see two buttons. One for proceeding the action where you have to click on the delete button and the other to cancel it, with a cancel button.
 - You can select cancel button
 - Now again you came to the profile page where you previously were.

7. Here is another task for you. In here what you have to do is upload a photo
 - First you have to select menu icon and select home from the menu
 - Now you are in home page
 - You have to click the camera button now
 - Now you can select capture button
 - Then select save button to save it to your device
 - You can see a successfully saved message.
 - Now you have to click the upload button
 - You will see a thank you message and now you can return to home page.

8. Here is another task for you. In here what you have to do is edit a submission which you have already uploaded.
 - As you are in the home page now, select the menu icon
 - From the menu you can select submissions list
 - Now you will see list of submissions
 - You can select a rejected submission
 - Now you will navigate to the relevant page, and you can see there is no option to edit
 - Now select back button and return to submission list page
 - Select a submission in submission state
 - Now you can see the relevant page with update and delete options
 - Select update button
 - Now you can successfully see the updated message

9. This is the final task you have to do. In here what you have to do is delete a submission you have already uploaded.
 - You have to first return to the submission list page
 - Now you can select a submission with submitted state
 - Now click the delete button
 - You can now see two options for cancel and proceed the deletion in a new pop-up message
 - You have to select the delete button
 - Now as you can see you will be able to see a successful message to show that the submission is successful deleted

10. Ok. That's the end the tasks. So, can you please give us some comments on this redesigned prototype?

What do you think?

Ok. Thanks for joining.

VIDEO RECORDING

<https://web.microsoftstream.com/video/ca82b830-0151-458a-80fe-08499651751c>

CONTRIBUTION

IT Number	Name	Function
IT19014296	Jayaweera N.C.S	<ul style="list-style-type: none">▪ Submission List UI▪ Create new UI to view submissions – Delete/Edit
IT19032252	Pitawala W.W.S.P	<ul style="list-style-type: none">▪ Register▪ Login▪ Change Password
IT19011912	Fernando W.A.D.S	<ul style="list-style-type: none">▪ Terms and Conditions – View as a user and Edit/Delete as an Admin▪ Privacy Policy – View as a user and Edit/Delete as an Admin▪ Forgot Password
IT19064932	Hameed M.S	<ul style="list-style-type: none">▪ Profile Handling▪ Upload videos and photos▪ Home Page and Welcome Page