



VOLUNTARY AND COMMUNITY SERVICE COLLABORATION APP

TIME FRAME: SPRING OF 2021

INSTITUTION: UNITED STATES INTERNATIONAL UNIVERSITY - AFRICA

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The contents of this file include:

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Voluntary and Community Service Collaboration App Manual

THIS IS THE LANDING PAGE



The VOLUNTARY AND COMMUNITY SERVICE COLLABORATION APP

To continue click the welcome button

WELCOME

CLICK HERE TO START YOUR EXPERIENCE

9:15 166 B/s 53

12:16 0 B/s 27

Welcome, Select User Type



ADMIN

VOLUNTEER

NGO

IF YOU ARE A VOLUNTEER CLICK HERE TO LOG IN OR REGISTER

IF YOU ARE AN NGO CLICK HERE TO LOG IN OR REGISTER

IF YOU ARE NEW, CLICK HERE TO REGISTER

Forgot Password? Reset

New? Register Here

LOGIN

9:15 0 B/s 53

1:00 4 K/s 20

NGO, LogIn

Login page for non-profit organizations



INSERT YOUR EMAIL ADDRESS

Ngo Email

Password

LOGIN

Forgot Password? Reset

New? Register Here

REGISTER

1:00 4 K/s 20

Register Here

Create your new user account below



User Email

Password

REGISTER

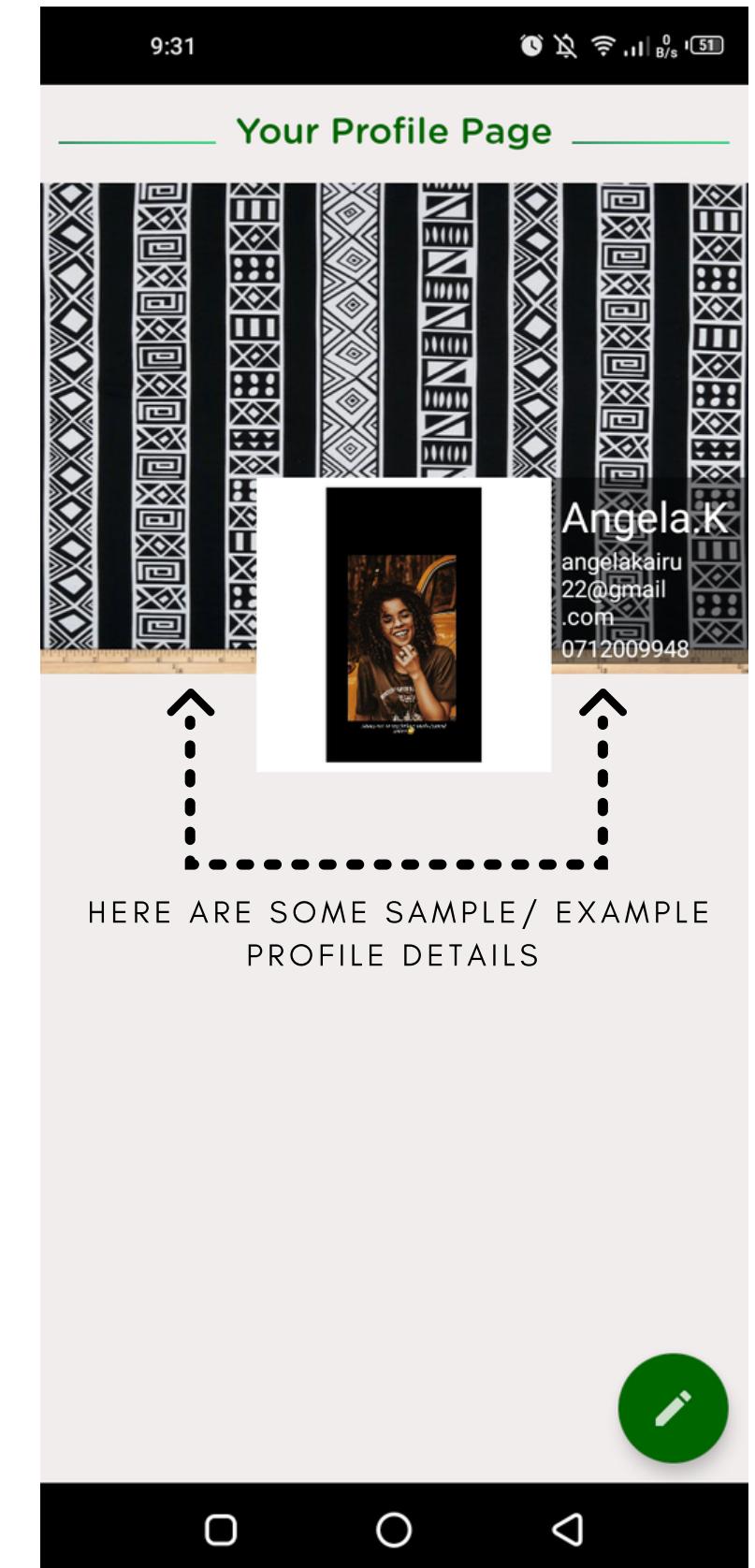
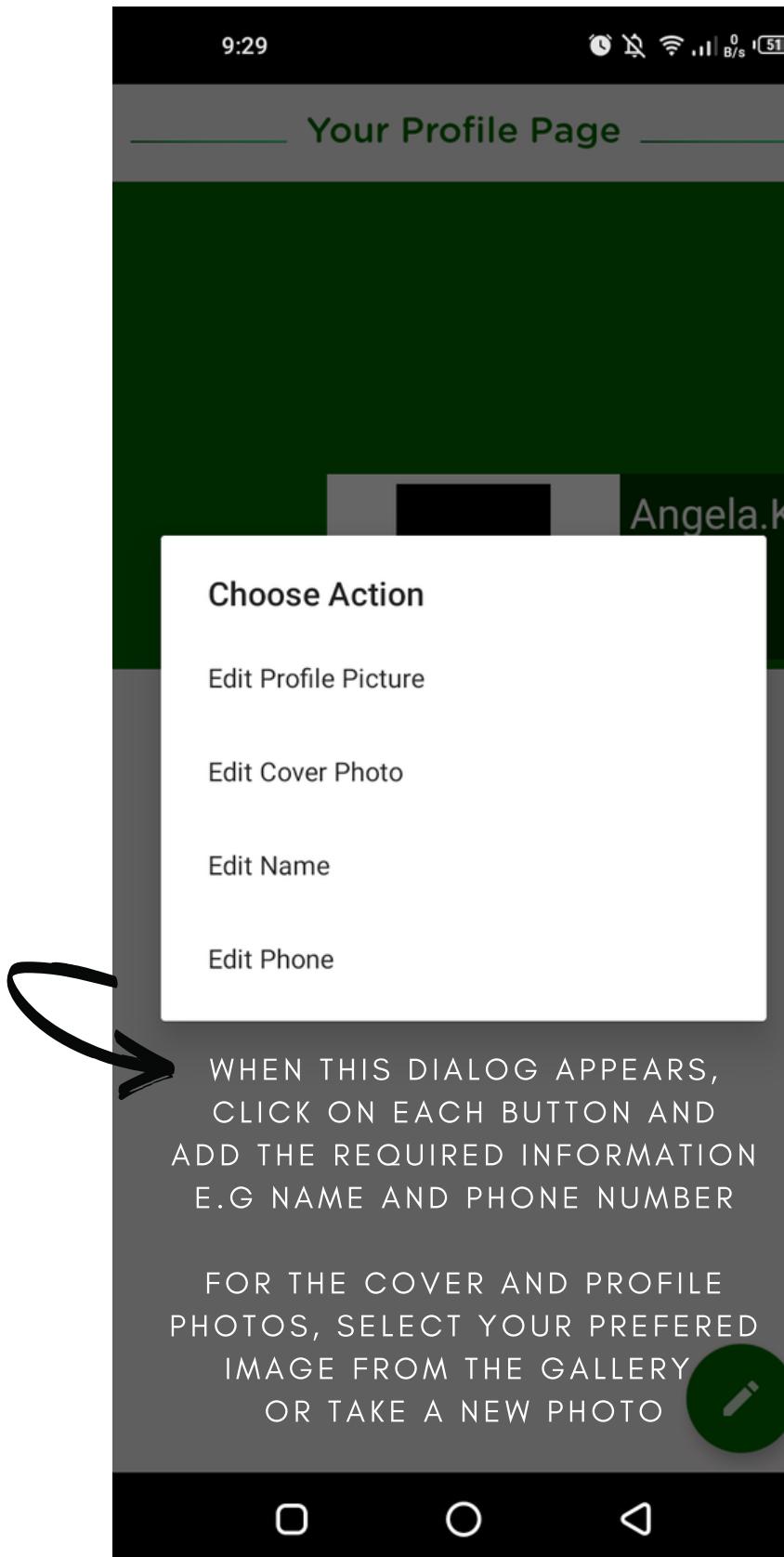
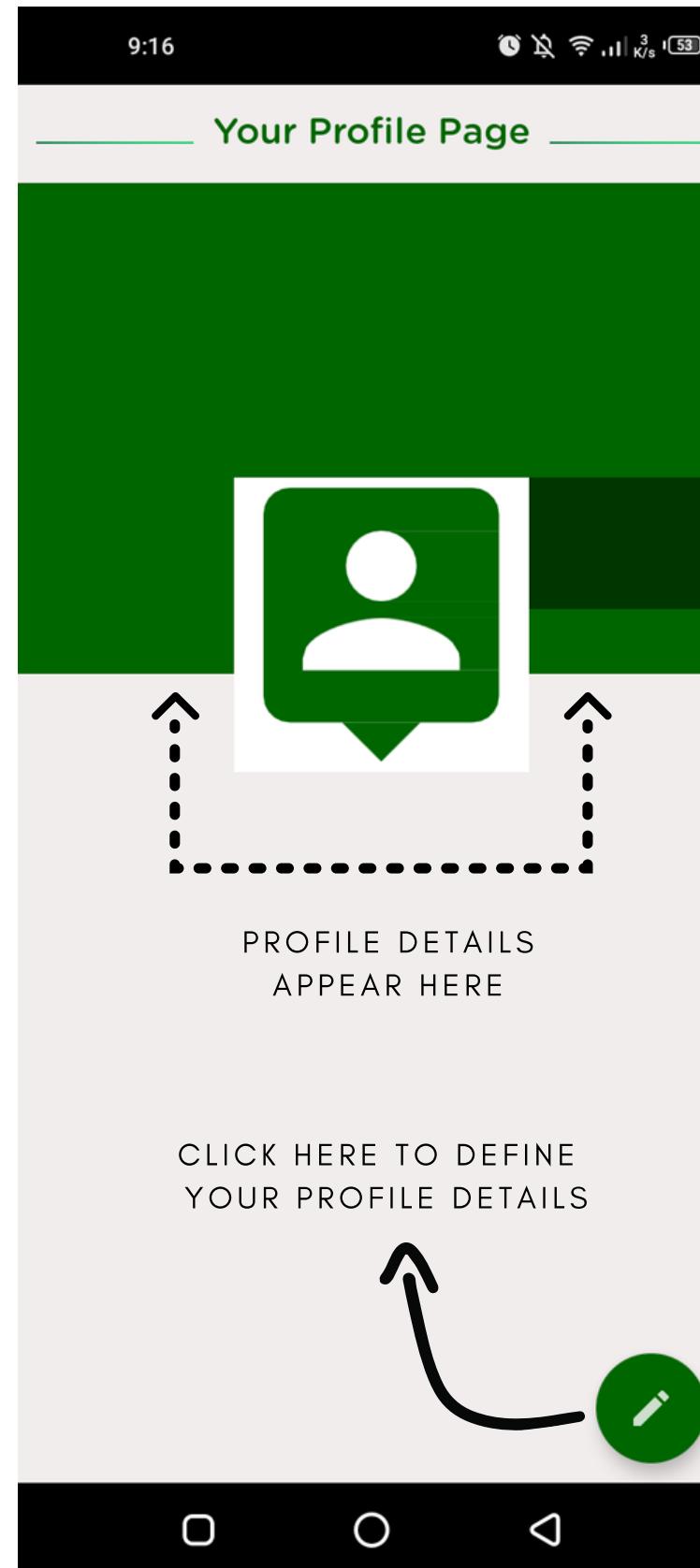
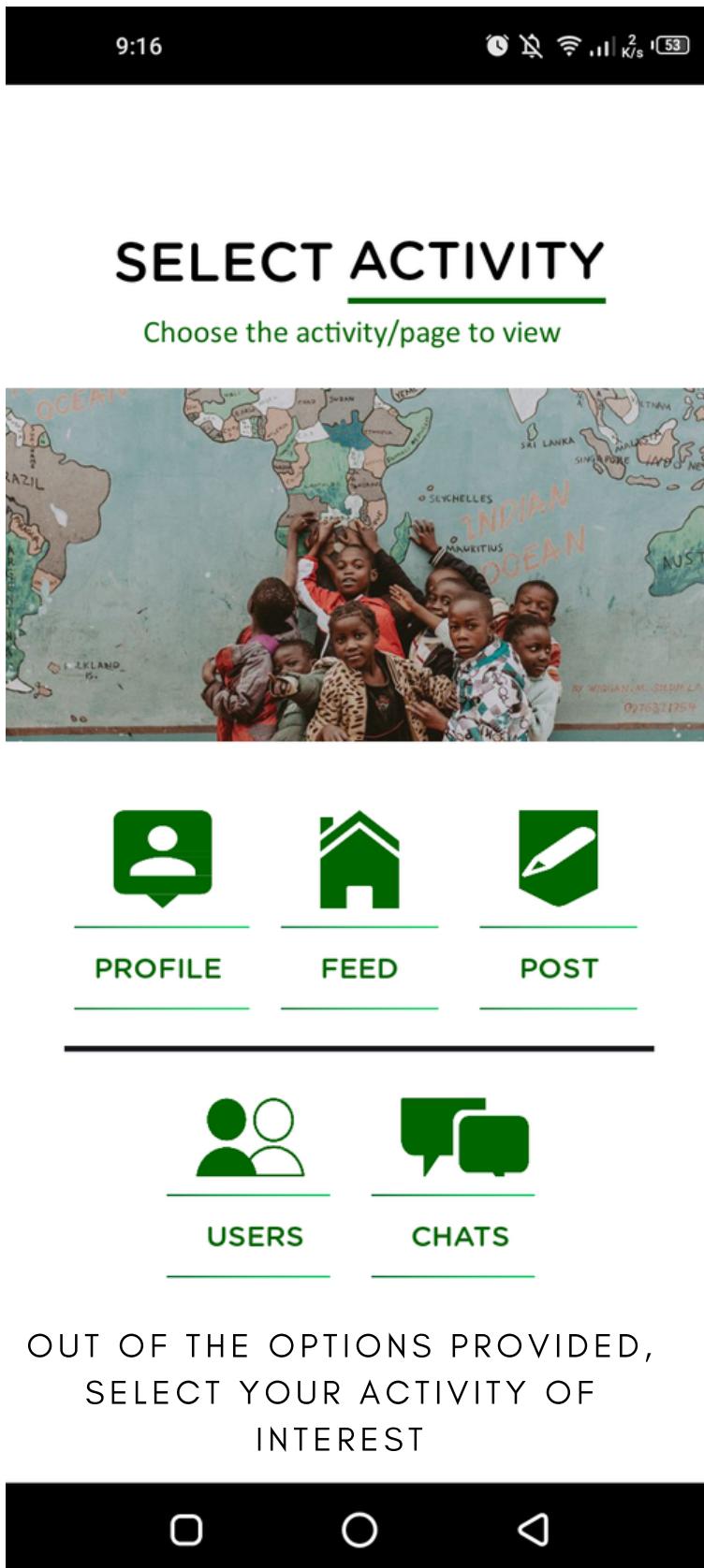
INSERT YOUR PASSWORD

You will be redirected to the log in page

Already have an account? Login

IF YOU ARE REGISTERED, CLICK HERE TO LOG IN

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IN EACH OF THE PROVIDED FIELDS, INSERT THE REQUIRED INFORMATION. FOR THE IMAGE, SELECT ONE FROM YOUR GALLERY OR TAKE A NEW ONE WITH YOUR CAMERA

9:34

INFORMATION. FOR THE IMAGE, SELECT ONE FROM YOUR GALLERY OR TAKE A NEW ONE WITH YOUR CAMERA

Create New Post

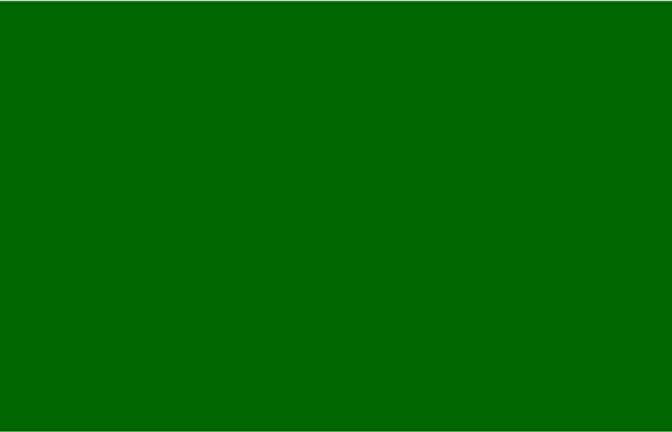
Title

PICK EVENT LOCATION

Place

Date

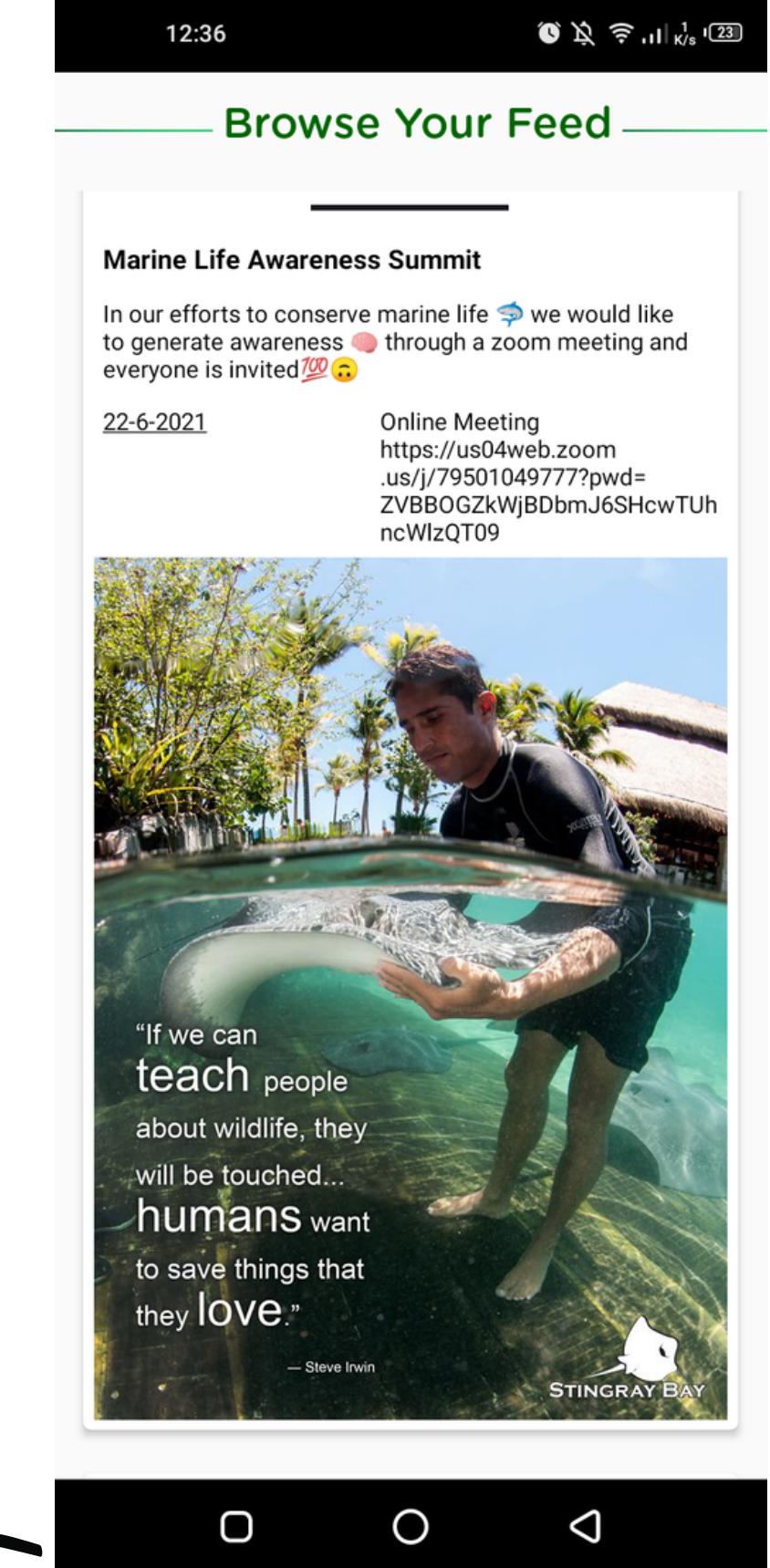
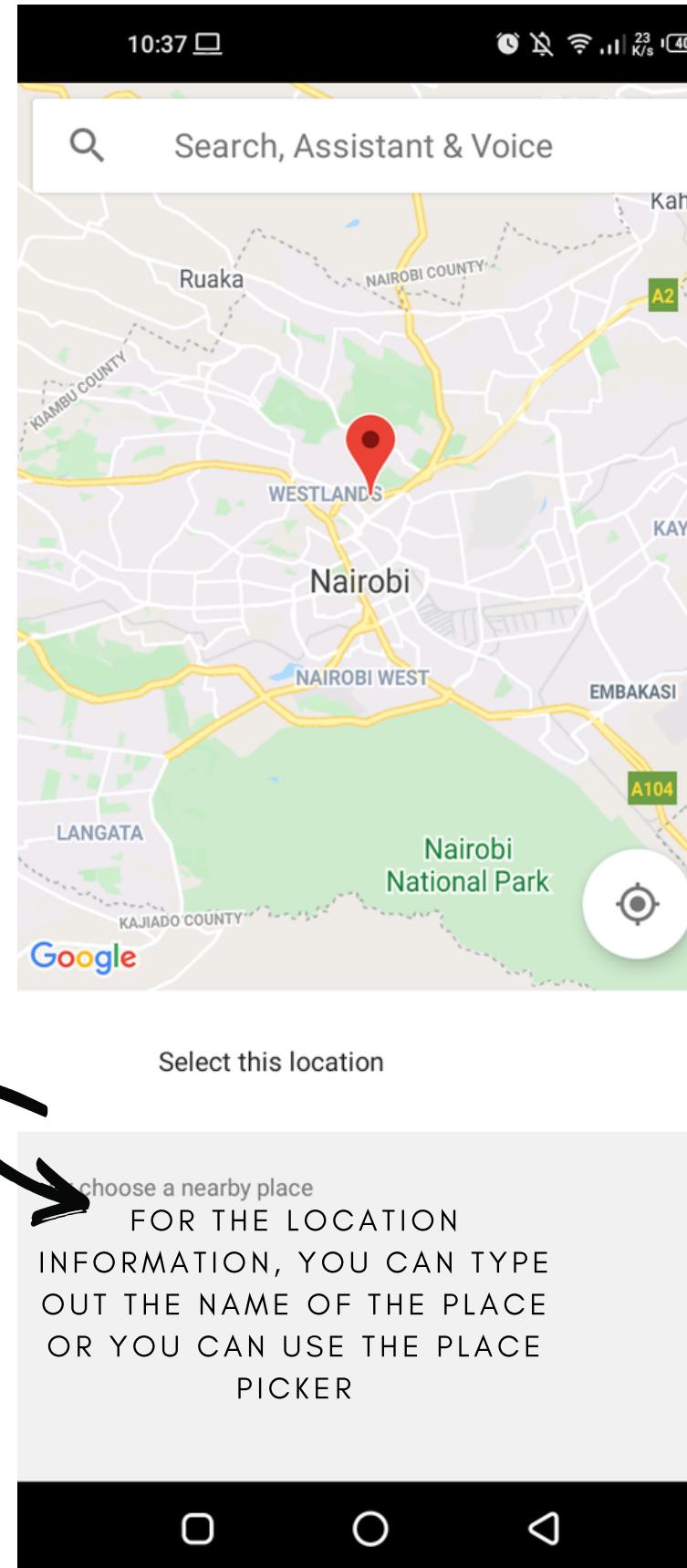
Tap to select the event post picture



Description

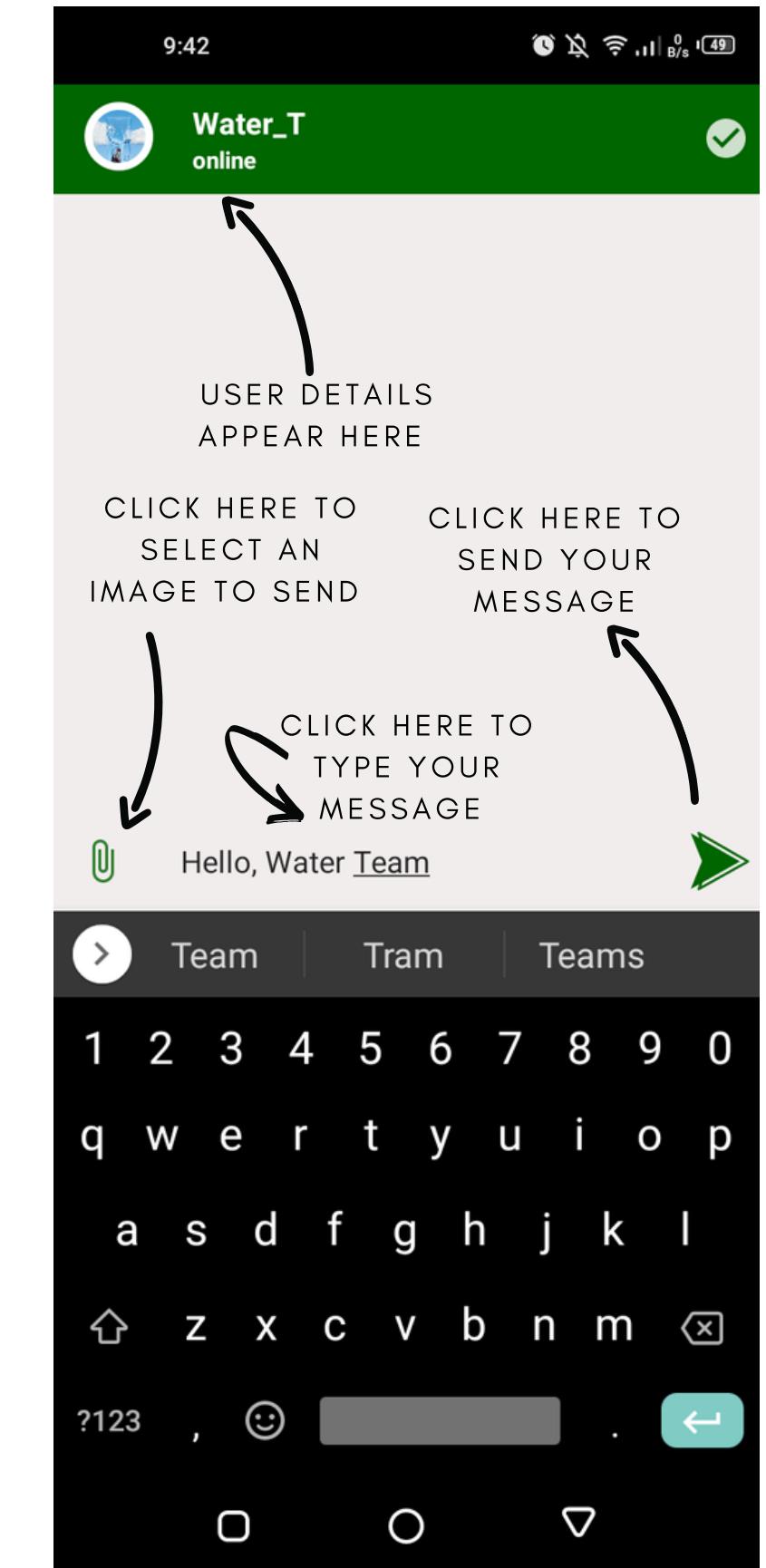
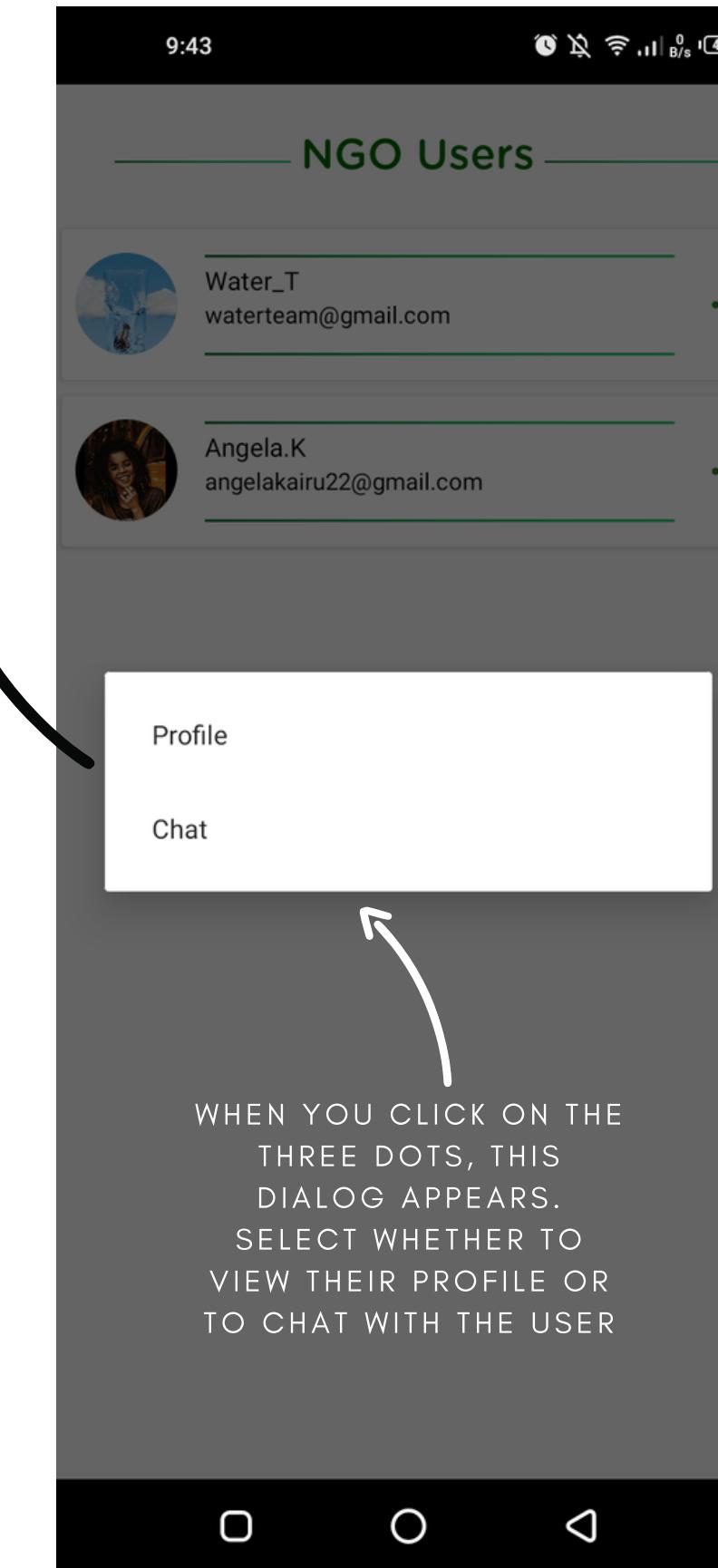
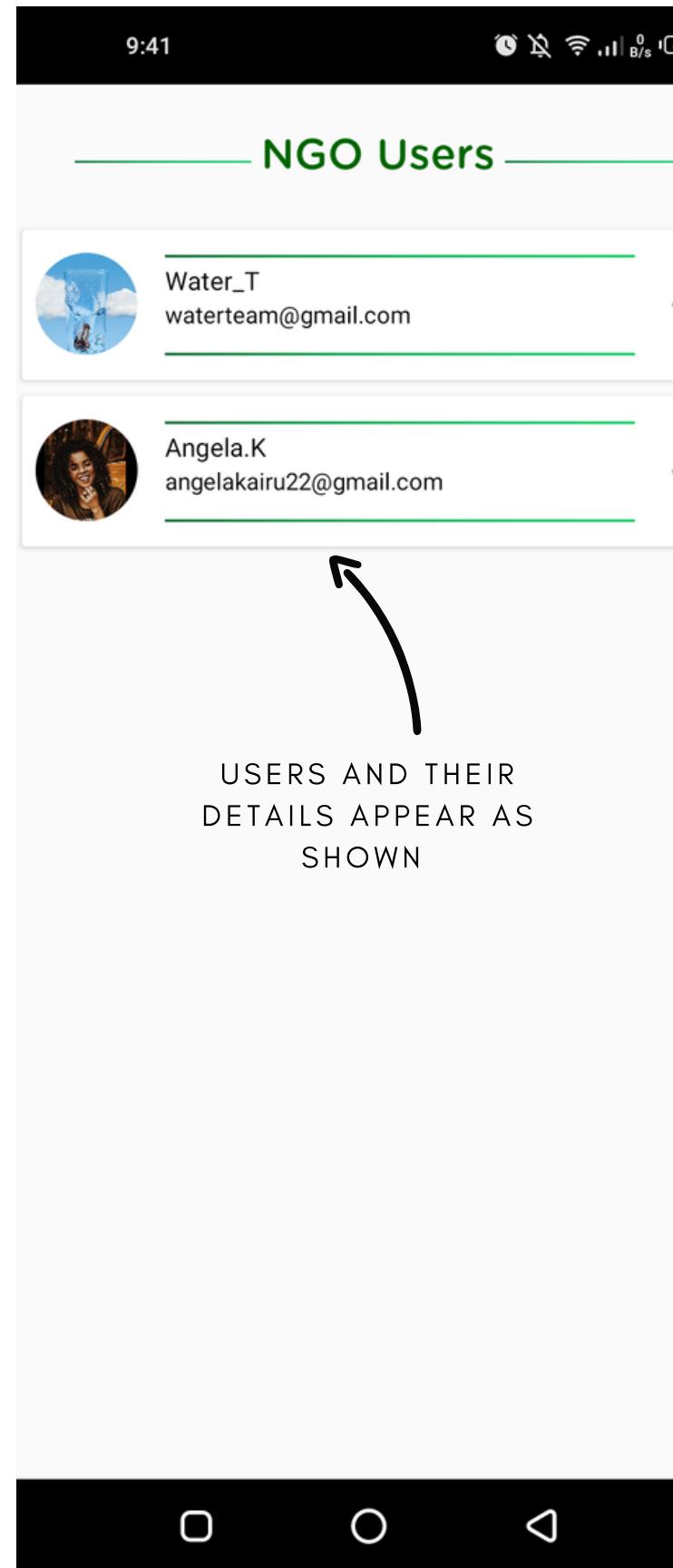
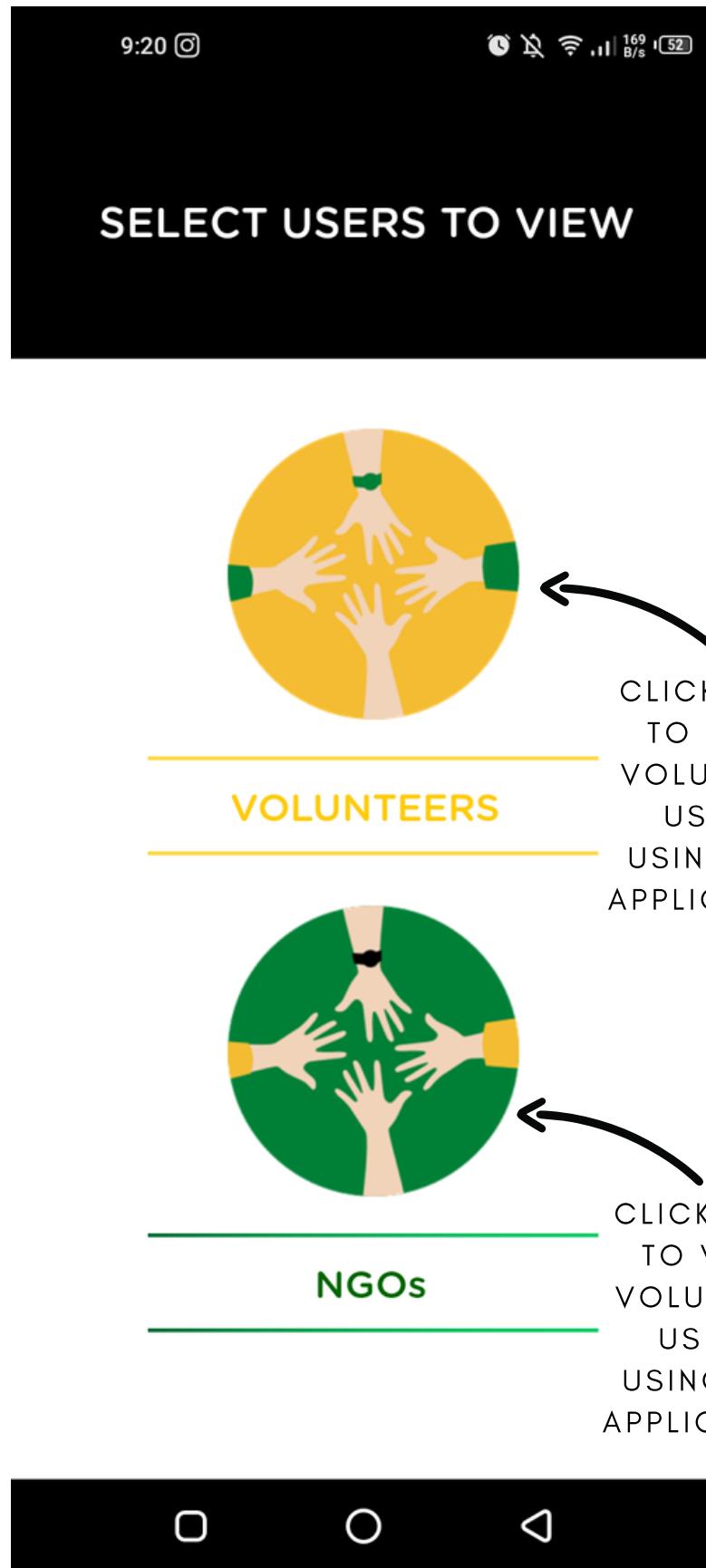
UPLOAD

□ ○ ◀



ONCE YOU PUBLISH THE POST, IT APPEARS ON YOUR FEED PAGE

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The screenshots illustrate the user flow through the app:

- Register Here:** A user is prompted to create a new account. They enter their email and password, then click "REGISTER". A message indicates they will be redirected to the login page. If registered, they can log in; if not, they can register.
- Volunteer, Login:** The user logs in using their email and password. They are then directed to the "SELECT ACTIVITY" screen.
- SELECT ACTIVITY:** The user chooses an activity from a list of options. This leads to the "Your Profile Page".
- Your Profile Page:** The user manages their profile. A callout box provides instructions for interacting with the "Choose Action" menu.

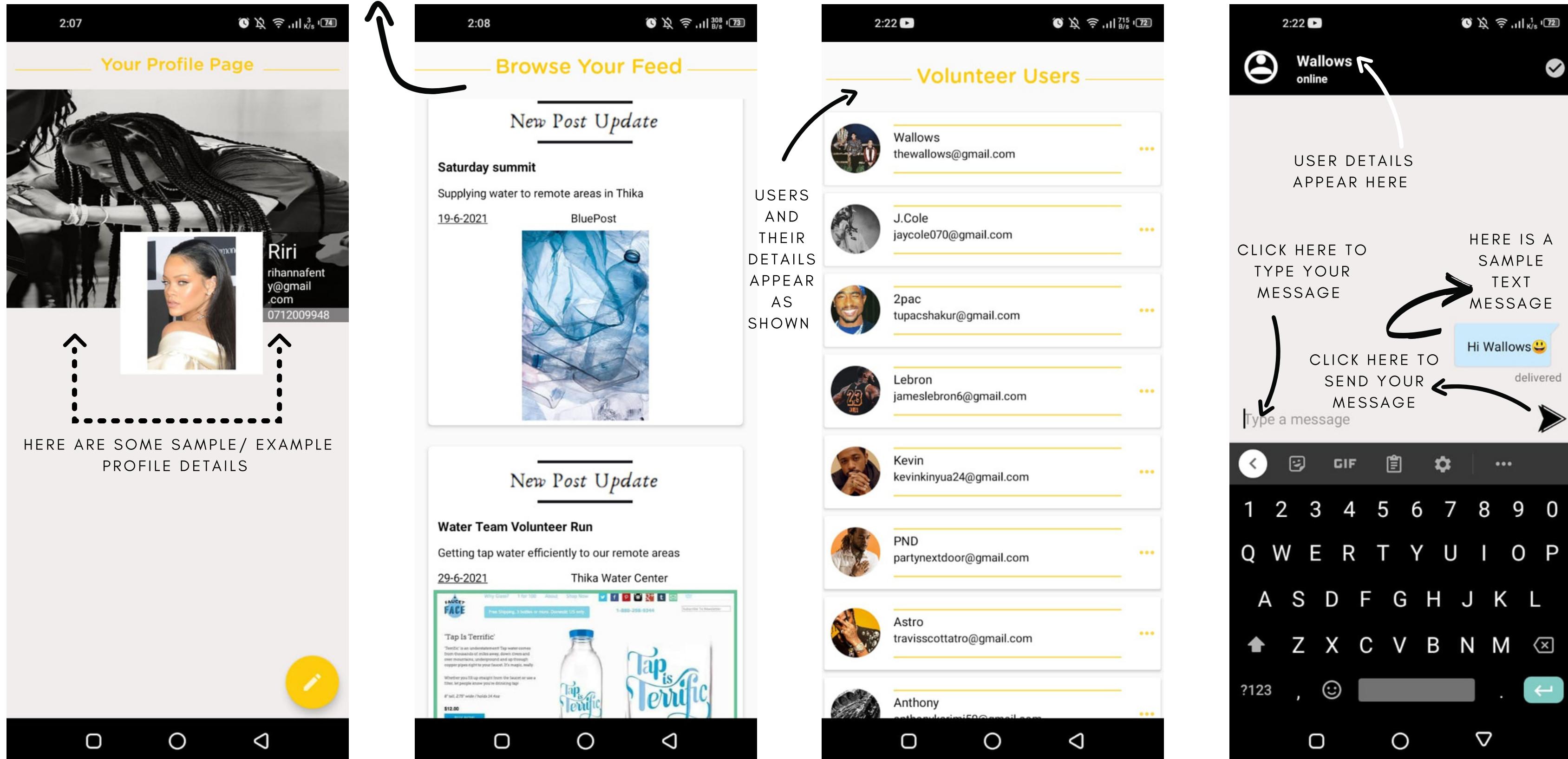
Annotations provide additional guidance:

- A curved arrow points from the "User Email" field to the "User Email" field on the login screen.
- A curved arrow points from the "Password" field on the registration screen to the "Password" field on the login screen.
- A curved arrow points from the "REGISTER" button to the "New? Register Here" link on the login screen.
- A curved arrow points from the "IF YOU ARE REGISTERED, CLICK HERE TO LOG IN" link to the "LOGIN" button on the login screen.
- A curved arrow points from the "IF YOU ARE NEW, CLICK HERE TO REGISTER" link to the "REGISTER" button on the registration screen.
- A curved arrow points from the "OUT OF THE OPTIONS PROVIDED, SELECT YOUR ACTIVITY OF INTEREST" text to the "SELECT ACTIVITY" section on the profile page.
- A callout box on the profile page contains instructions: "WHEN THIS DIALOG APPEARS, CLICK ON EACH BUTTON AND ADD THE REQUIRED INFORMATION E.G NAME AND PHONE NUMBER" and "FOR THE COVER AND PROFILE PHOTOS, SELECT YOUR PREFERRED IMAGE FROM THE GALLERY OR TAKE A NEW PHOTO".

This is the volunteer side - it pretty much works the same as the NGO side just without the posting feature

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ONCE NGOS PUBLISH POSTS, VOLUNTEERS CAN BROWSE THEIR FEED FOR NEW OPPORTUNITIES FROM THE POSTS THAT APPEAR



This is the volunteer side - it pretty much works the same as the NGO side just without the posting feature

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I CAN CLICK HERE AND SELECT
DELETE TO REMOVE A USER

NGO Users		
	Culture_T cultureteam@gmail.com	
	Edu_T eduteam@gmail.com	
	Street_T streetteam@gmail.com	
	Liquor_T alcoholismteam@gmail.com	
	Med_T medicalteam@gmail.com	
	School_T schoolteam@gmail.com	
	WildLife wildlifeteam@gmail.com	
	Water_T waterteam@gmail.com	

This is the admin side - I am the only one that can log into it and delete posts and users with questionable profiles and/or posts

Voluntary and Community Service Collaboration App Database Structure

I USED THE FIREBASE DATABASE IN CONNECTION WITH MY ANDROID STUDIO PROJECT

The screenshot illustrates the Firebase Realtime Database structure for a Voluntary and Community Service Collaboration App. The database is organized into several main collections:

- Authentication:** Contains registered users and their hashed passwords. A note indicates: "HERE ARE REGISTERED USERS AND THEIR HASHED PASSWORDS ON MY DATABASE".
- VolunteerUsers:** Contains user profiles for volunteers. A sample document for user "9FRXxNAYAMcq6ovsaQ6CCIStjny2" is shown, including fields like cover, email, image, name, onlineStatus, phone, typingTo, uDp, uName, and uid.
- NgoPosts:** Contains posts from NGOs. A sample document for post "1619253413722" is shown, including fields like date, location, pDescr, pld, plImage, pTime, pTitle, uDp, uEmail, and uName.
- Chats:** Contains messages between users. Two sample documents are shown: one for a message to the Culture Team ("Hi Culture Team") and another for a message to Susan ("Hi Susan"). Each message includes fields for receiver, sender, timestamp, and type.

Arrows point from the notes in the Authentication section to the user table in the Authentication collection, and from the notes in the Chats section to the Chats collection. Arrows also point from the sample details in the VolunteerUsers, NgoPosts, and Chats sections to their respective database structures.

HERE ARE REGISTERED USERS AND THEIR HASHED PASSWORDS ON MY DATABASE

HERE ARE THE TABLES FOR THE APP DATA

THESE ARE SAMPLE DETAILS OF DATA STORED IN THE VOLUNTEERS, NGOS AND CHATS TABLES OF THE APP DATABASE

Identifier	Providers	Created	Signed In	User UID
cultureteam@gmail.com		Apr 16, 2021	Apr 16, 2021	0h0rkpRGjFPnUX59Le6CPgp9ozp2
sharonyawira17@gmail.com		Apr 16, 2021	Apr 16, 2021	0h1iTqSdP5ey7qVK4TjDo3VuAqz1
eduteam@gmail.com		Apr 16, 2021	Apr 16, 2021	2G7wBbhXADWhPhSFQgTTWxtvA...

vsks-29ed7-default-rtbd

- Chatlist
- Chats
- NgoPosts
- NgoUsers
- Tokens
- Users
- VolunteerUsers



WORKING ON SUPPORTING
VOLUNTEER WORK

THANK YOU, THAT IS THE END