

Mangrove App Installation Guide

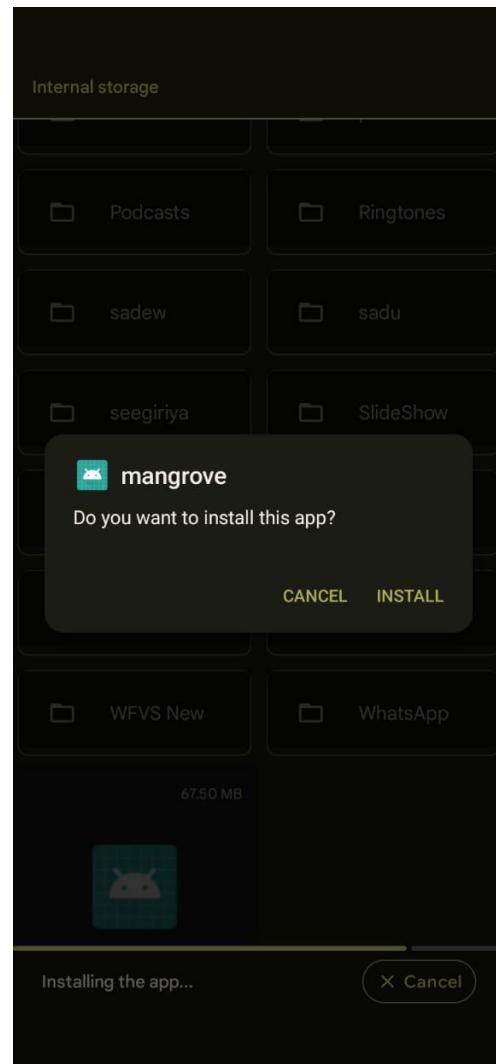


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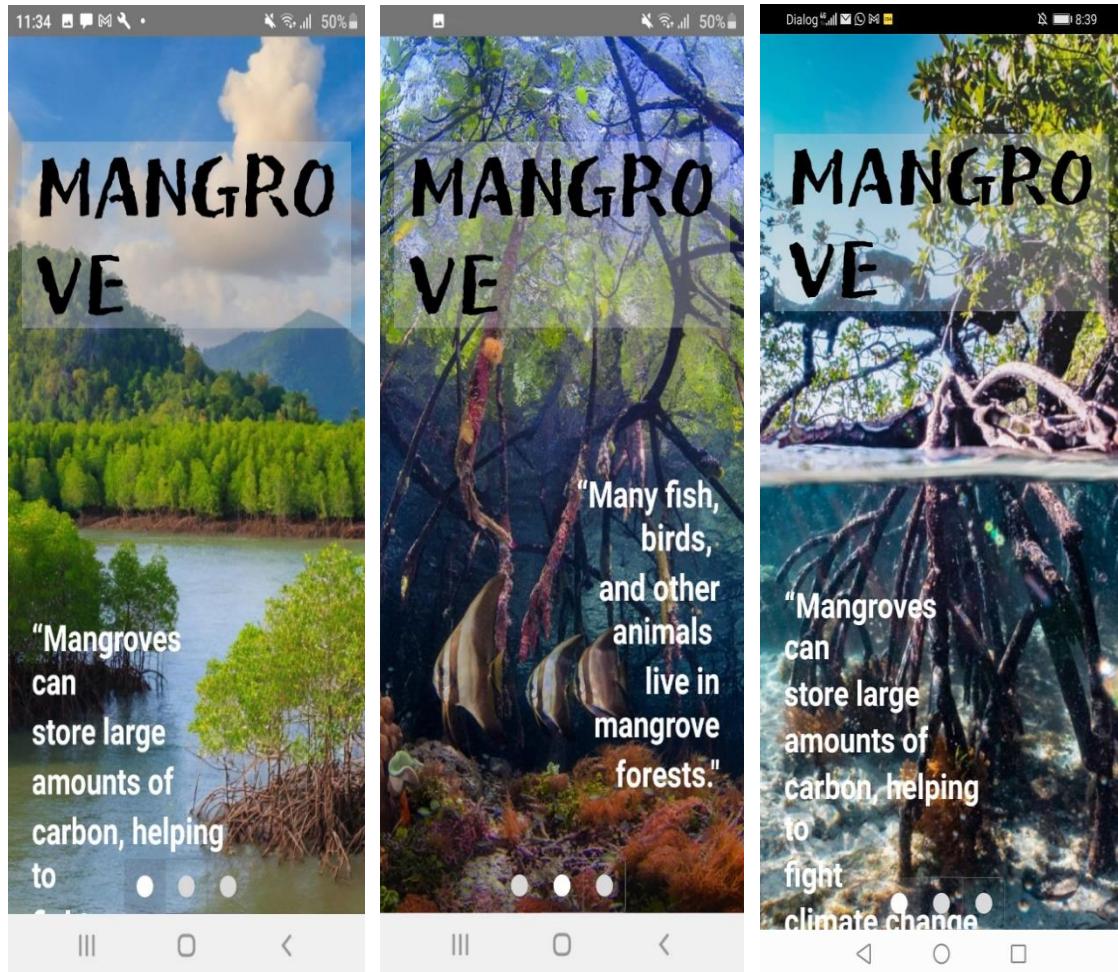
1. Installation Process

- Download through WhatsApp-> ask to allow file for harmful file->allow downloading->after downloading auto regenerate opening app->
- Download through files in your mobile, also can do. Go to internal storage->open apk file->click install



2. onboarding screens

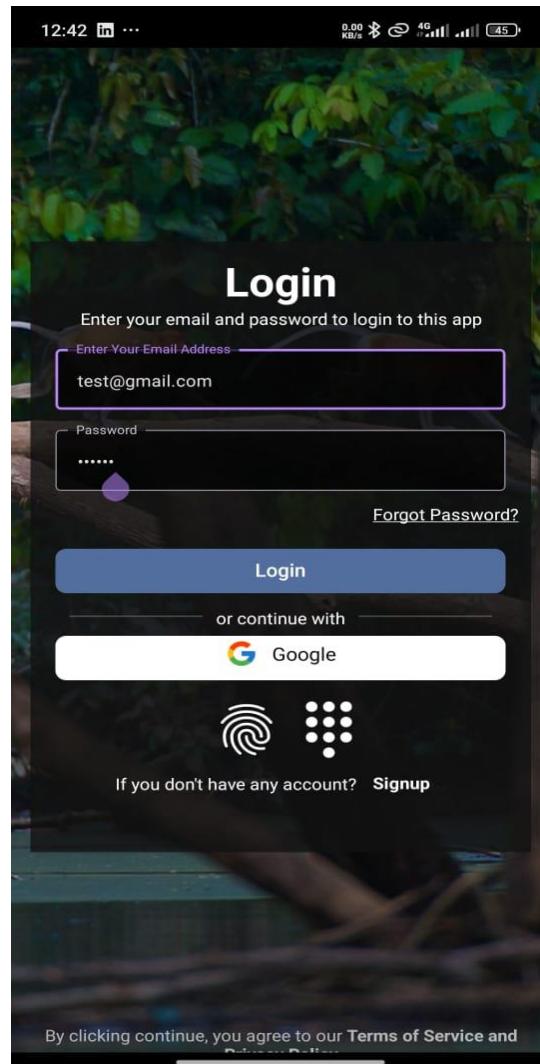
- When you launch the app, you can see three **onboarding screens**.



3. Sign-In Process

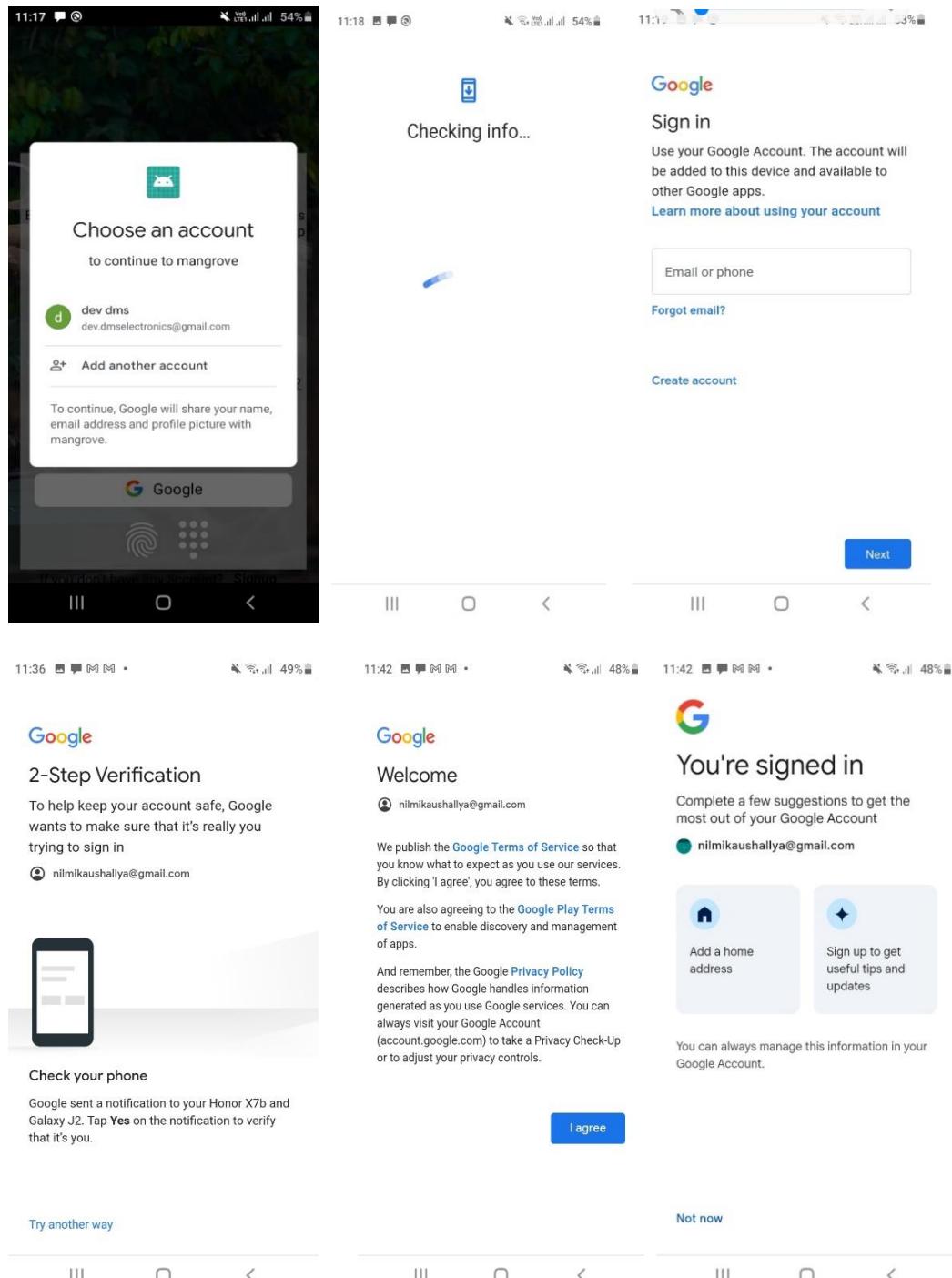
Option 1

- Sign-in giving Login credentials.

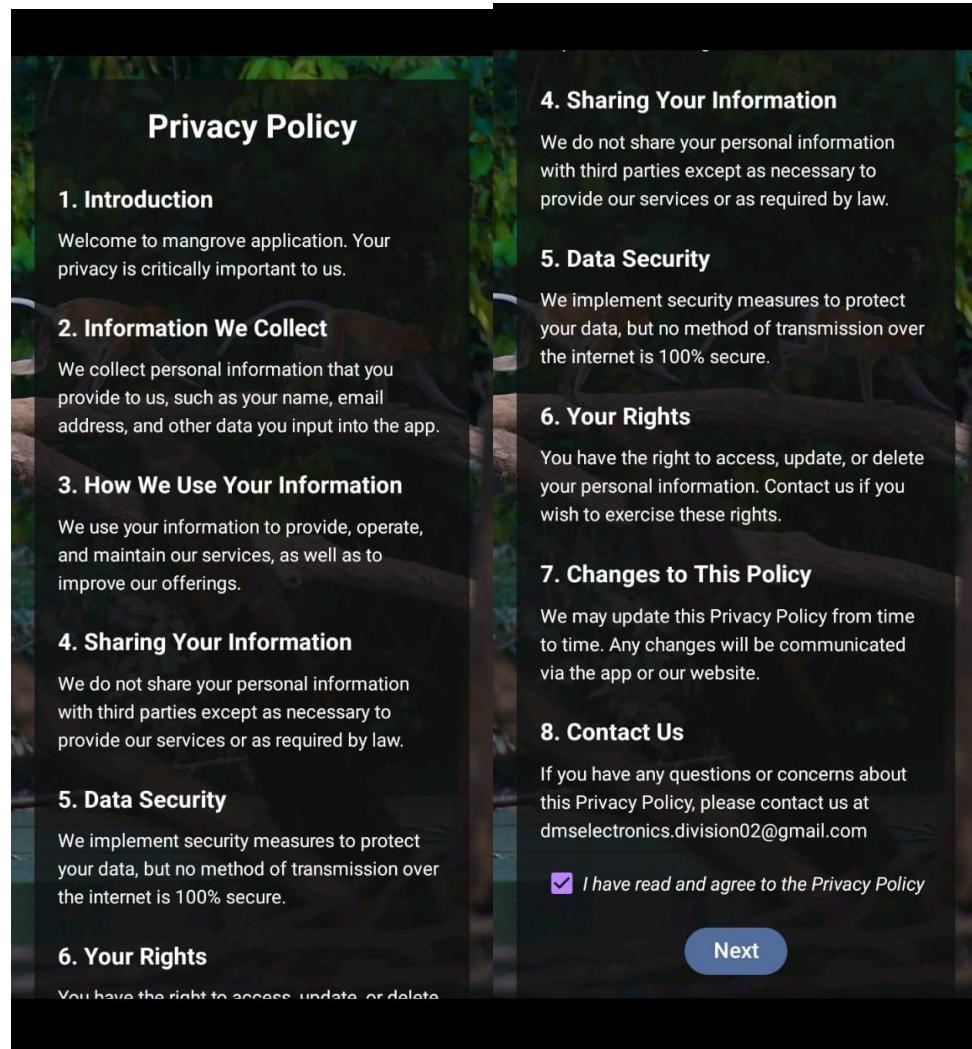


Option 2

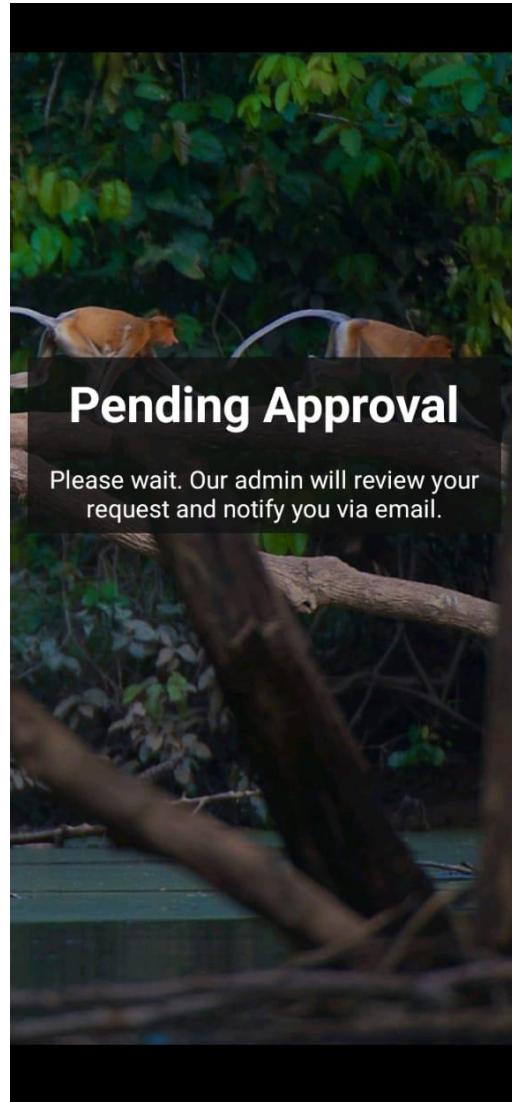
- Sign-in With Google Sign-in option by clicking Google sign -in option.



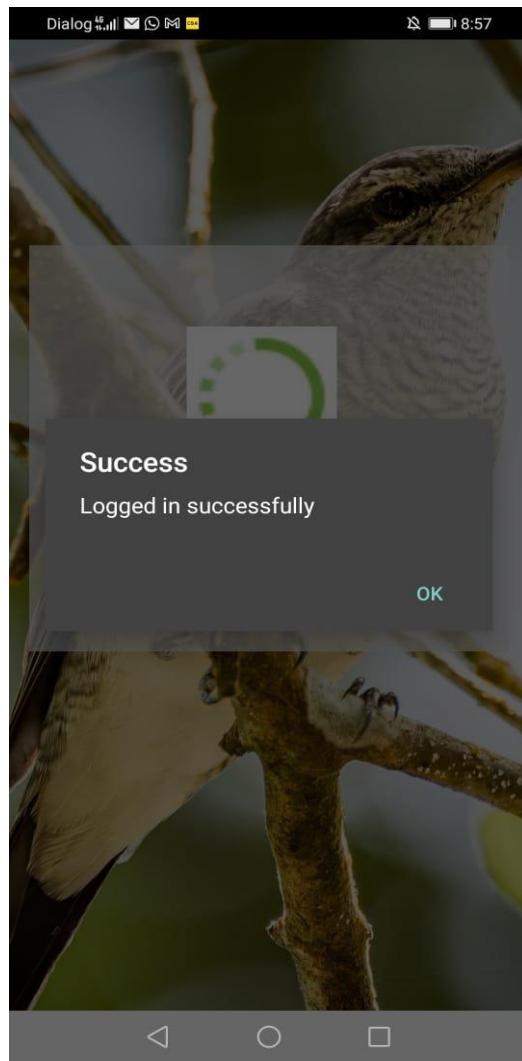
- When you try to log into the app using Google account for the first time then you'll navigate to privacy policy page. If you are ok with these privacy policies, then agree to the and continue.



- Then your account making request is passed to admin and after the approval from the admin, you can make your account and log in to the app.



- After Admin approval, you can log into the app successfully.



- If you forget the Email Password You can verify Email and change Password.

11:26 11:27 11:27

Google

Sign in

Use your Google Account. The account will be added to this device and available to other Google apps.

[Learn more about using your account](#)

Email or phone —

Next

the and to >

1 2 3 4 5 6 7 8 9 0

q w e r t y u i o p

a s d f g h j k l

z x c v b n m

!@1 ⚙️ @ EN(UK) . .com Go

Cancel Save

Recovery information

n nethmithambawita2001@gmail.com

Verify your phone number and email so that Google can help you if you forget the password to your account. [Learn more](#)

Your recovery phone

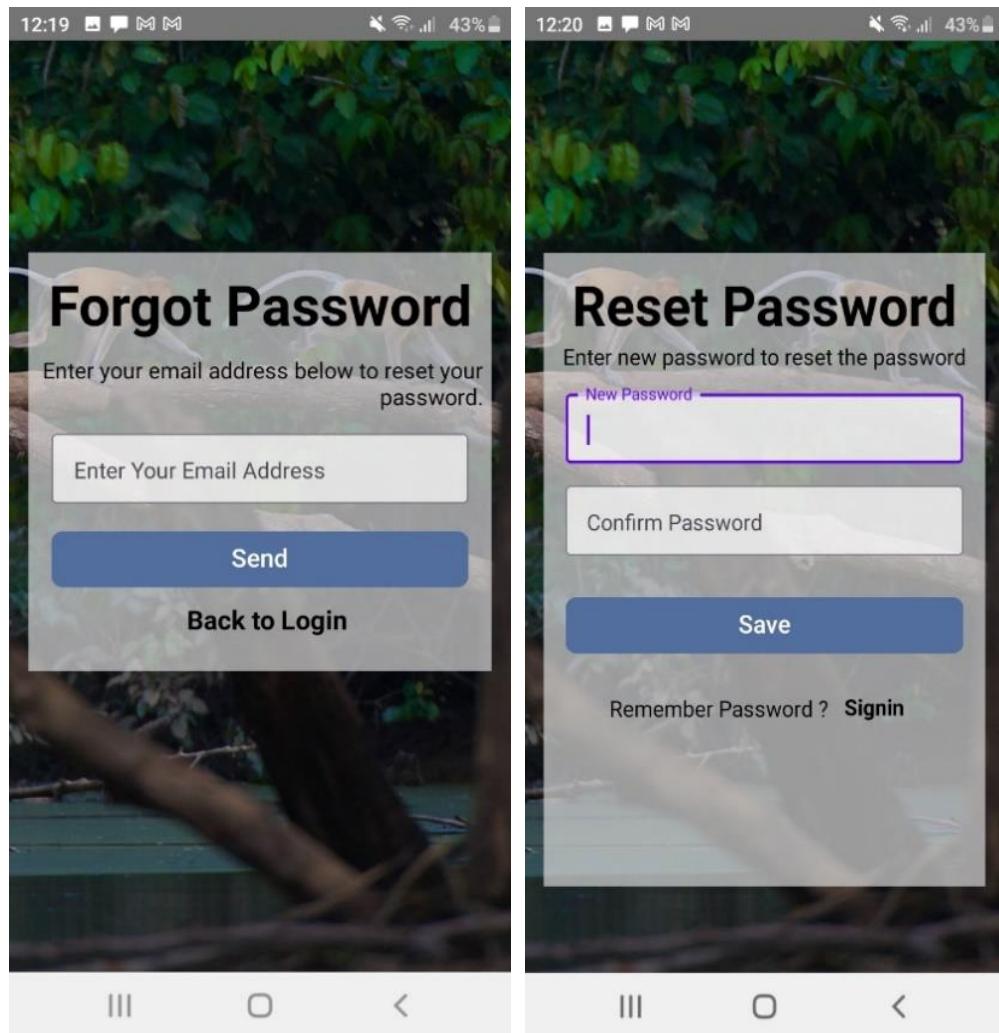
Enter phone — +94 71 336 5616

Add a recovery email

Enter email —

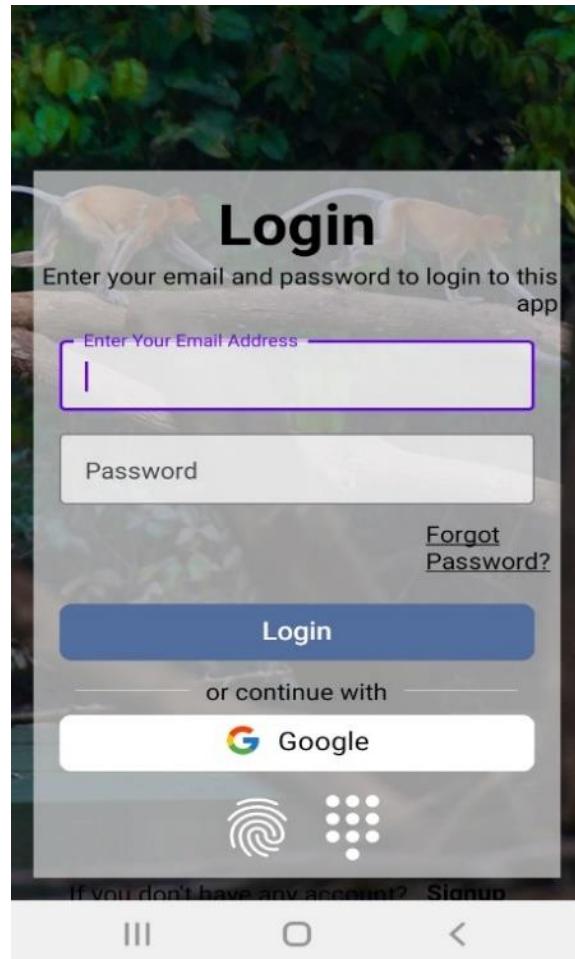
Use an email that is different from 'nethmithambawita2001@gmail.com'

- If you Forgot your Password, Enter Forgot Password Option to verify Password.



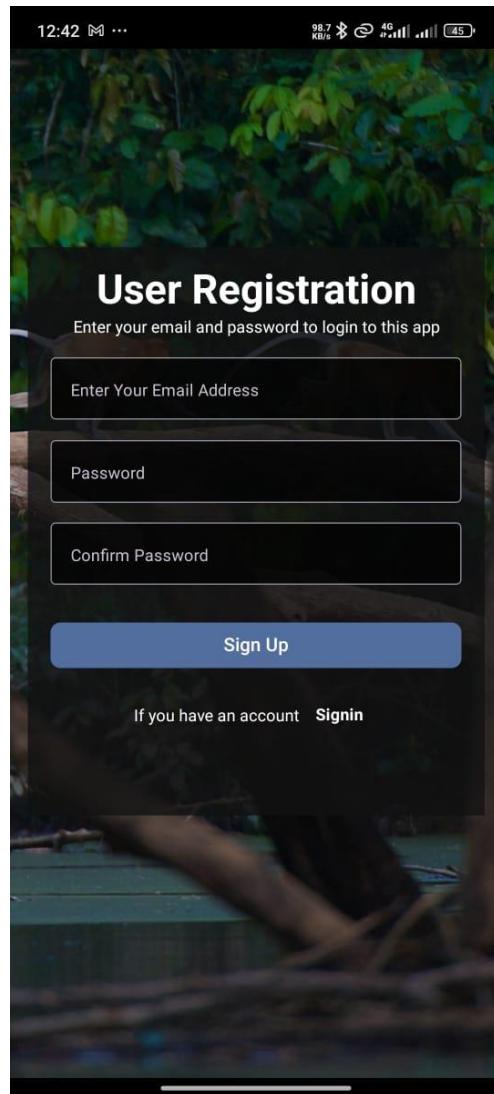
Option 3

- You Can Sign-in with giving Fingerprint option by clicking fingerprint icon.

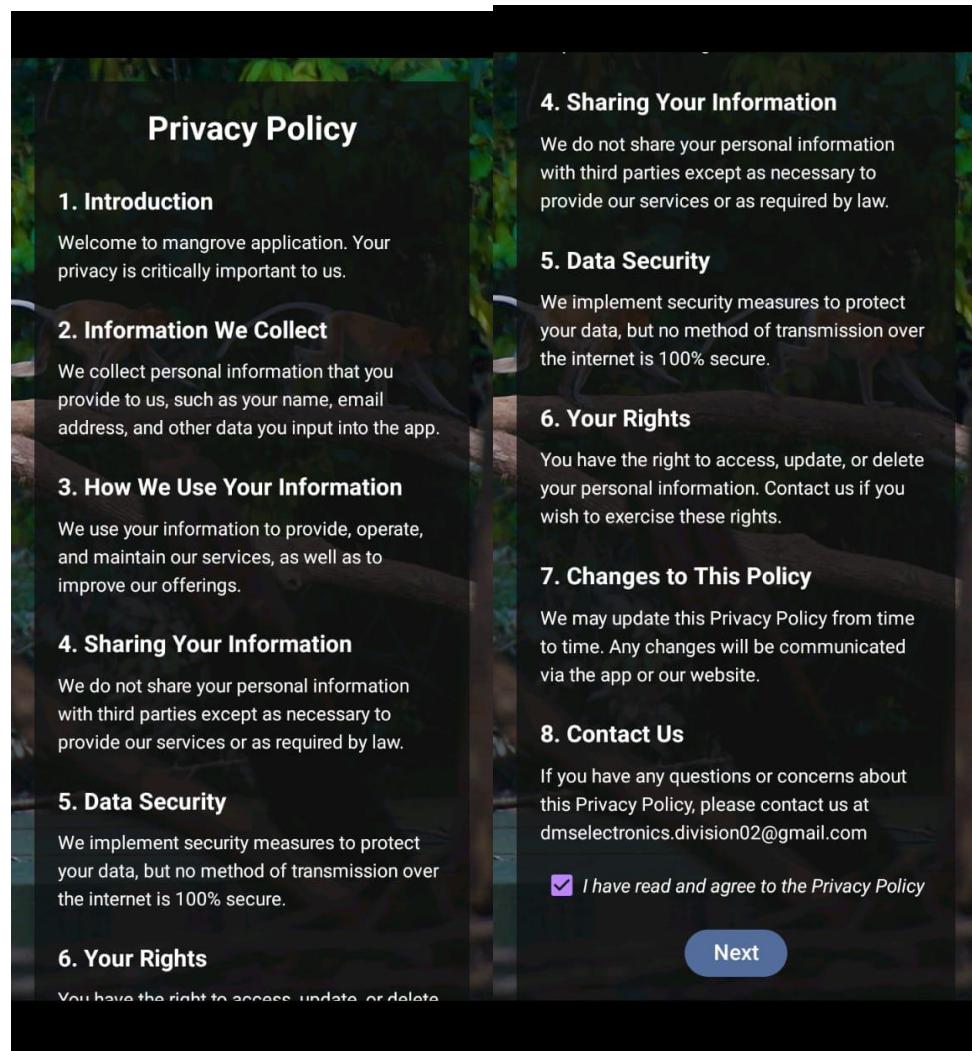


4. Sign-up Process (If You do not have an Account or new to App do Registration).

- After entering your credentials, press the Sign-Up button. You will receive a code via email. Choose the correct code that is shown in the App and complete the app registration process.



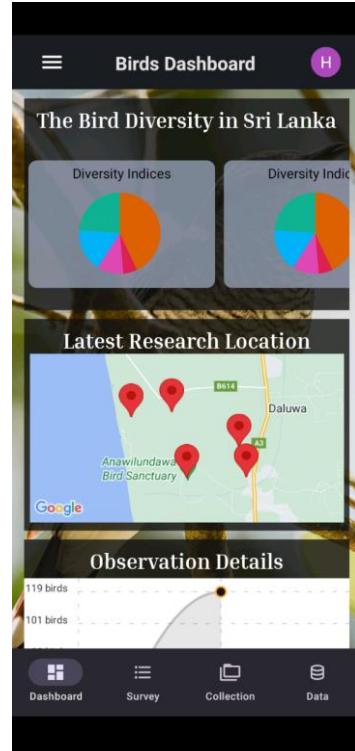
- When you try to sign up. After you click the sign-up button, then you'll navigate to the privacy policy page. If you are ok with these privacy policies, then agree to them and continue.



- Then your account making request is passed to admin and after the approval from the admin, you can make your account and log in to the app.

5. Home Page and next actions

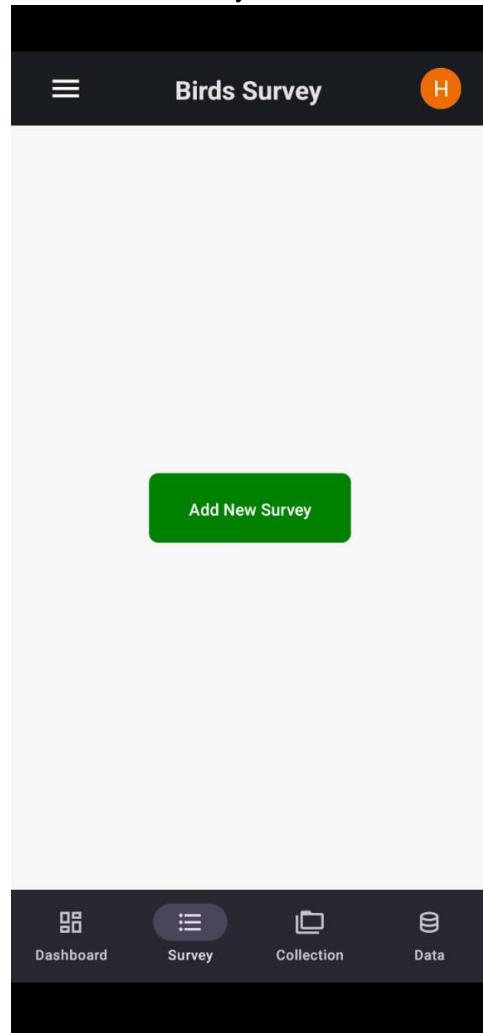
- After sign-in/sign-up navigate to Home page (Birds Dashboard).

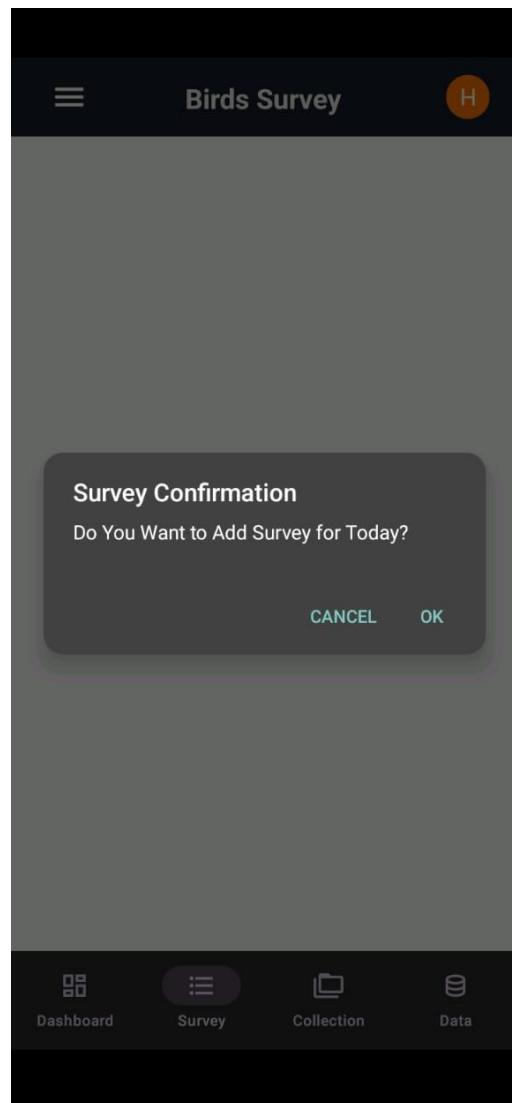


- In Dashboard You can navigate Bird Survey, Collection, Bird Data categories)

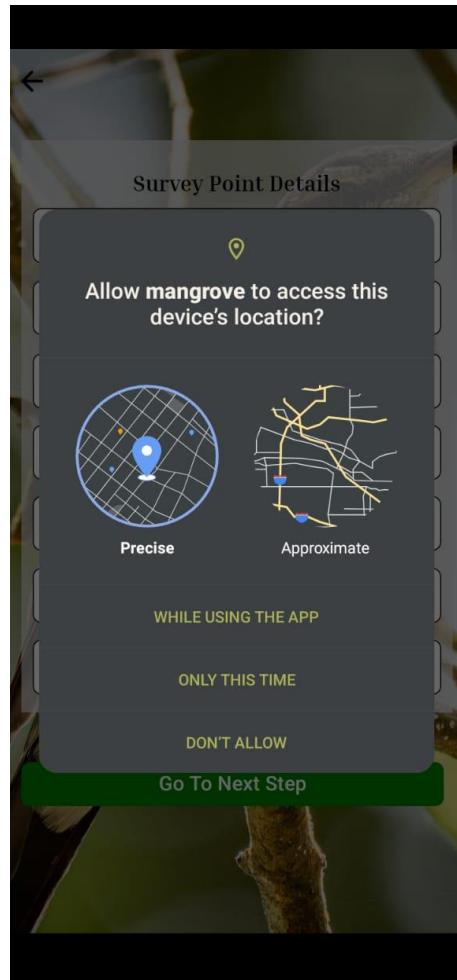


- In here if you want to start a new bird survey, Click add new survey





- After that, you'll navigate to the first survey form part which about 'Survey Point Details'
- First of all, you should provide permission to access location. This permission only asked on the first time you log in to this app.



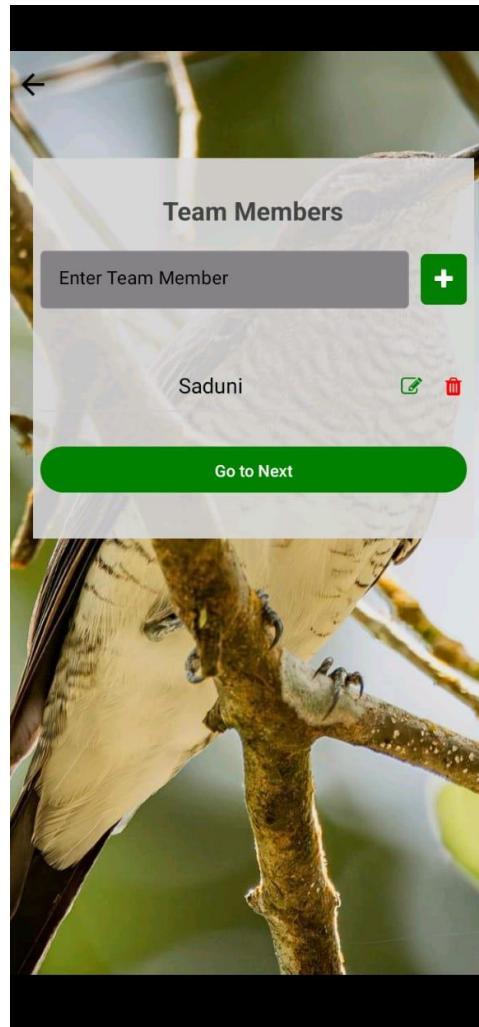
- Now you can add data about your survey points. In this first form Habitat type,point,point tag and radius of the area are mandatory fields and you cannot continue without adding data to those fields.

The image shows a mobile application interface titled "Survey Point Details". The screen has a black header and footer. The main content area contains several input fields:

- Habitat type
- Point
- Point Tag
- Descriptor
- 6.80
- 79.90
- Radius of Area(m)

A green button at the bottom right is labeled "Go To Next Step". The background of the app shows a close-up photograph of a bird's feathers and a branch.

- After continuing the process by clicking on the button, you'll navigate to the team data adding page. In here you can add team members. In here when you added team members previously, you can see them also in the list. You should select the team members which you need and remove others. If you need you can add new team members too. After that you can continue the process.



- After that you can add common data into common data survey form. Date,observer,start time,end time and weather conditions are mandatory here. Without filling those you cannot continue.

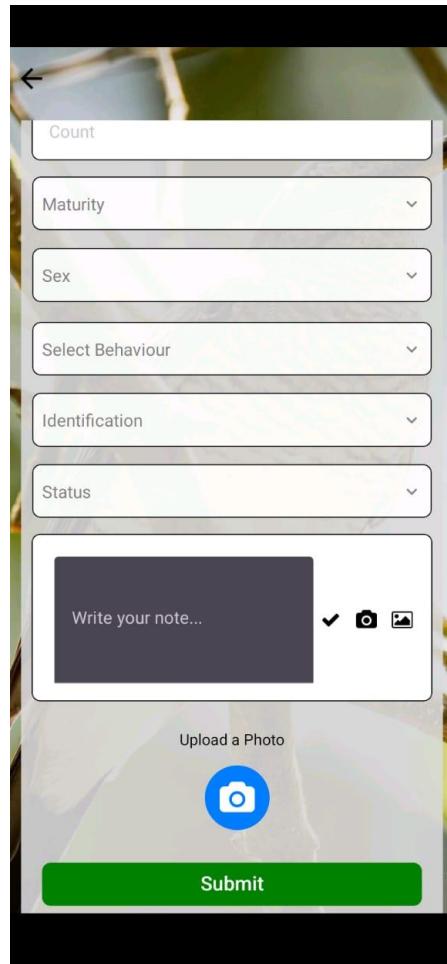


- To add bird details, you can click on the ‘Add first observed bird data’ Button and you can add all bird data to that one by one. Bird species and count are mandatory fields here. One bird data form is for one bird species. For a particular location, you can add all bird species data using this.

The screenshot shows a mobile application interface titled "Bird Detail Record". At the top left is a back arrow icon. Below the title are several input fields:

- "Select Observed Species" dropdown
- "Observed Species" text input field
- "Count" text input field
- "Maturity" dropdown
- "Sex" dropdown
- "Select Behaviour" dropdown
- "Identification" dropdown
- "Status" dropdown

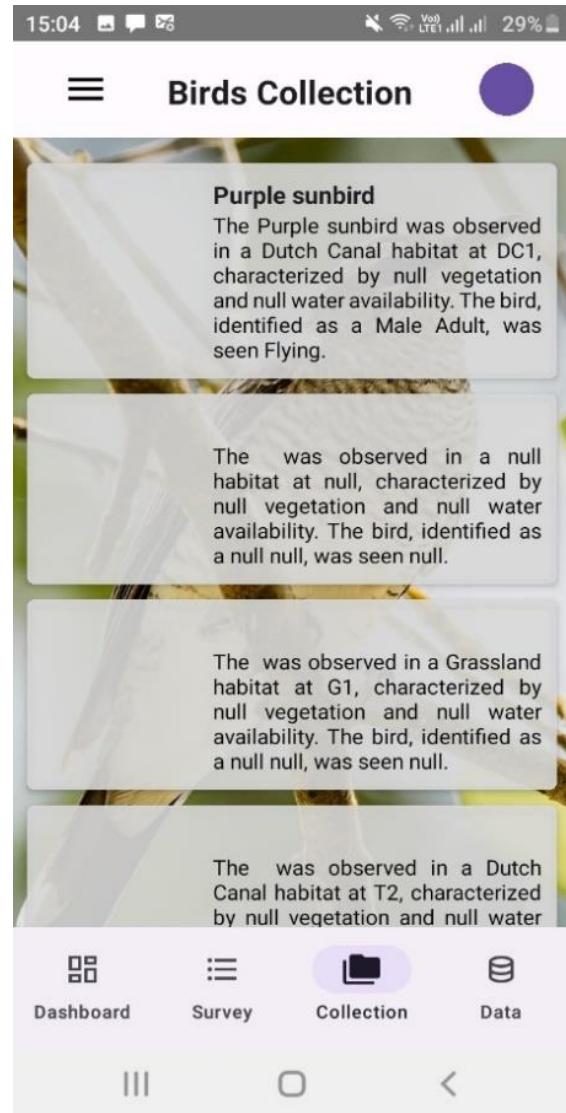
At the bottom is a note input area with a placeholder "Write your note..." and three icons: a checkmark, a camera, and a photo album.



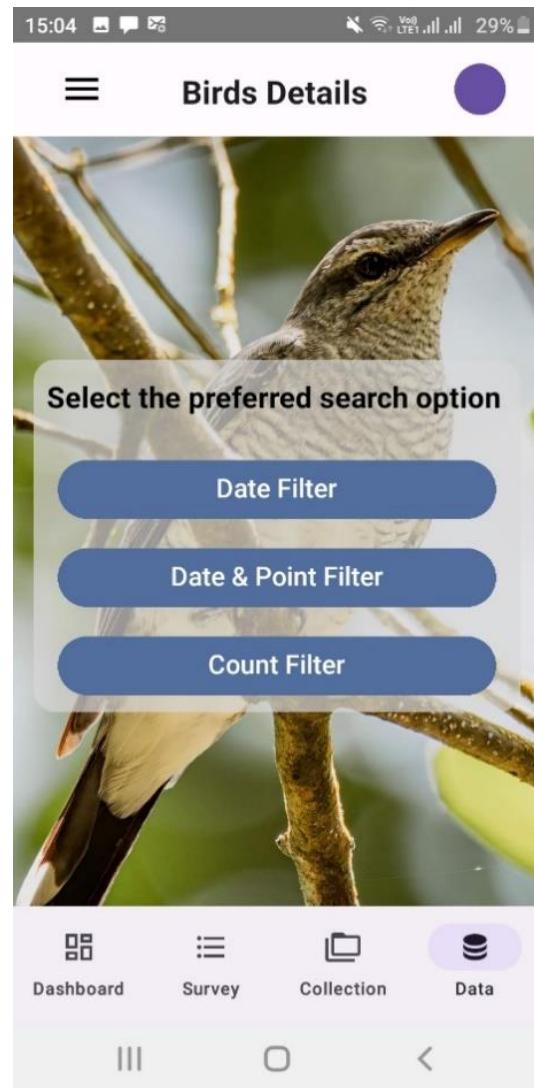
- After adding all bird species, you can submit full survey using the below submit button in the common data survey.



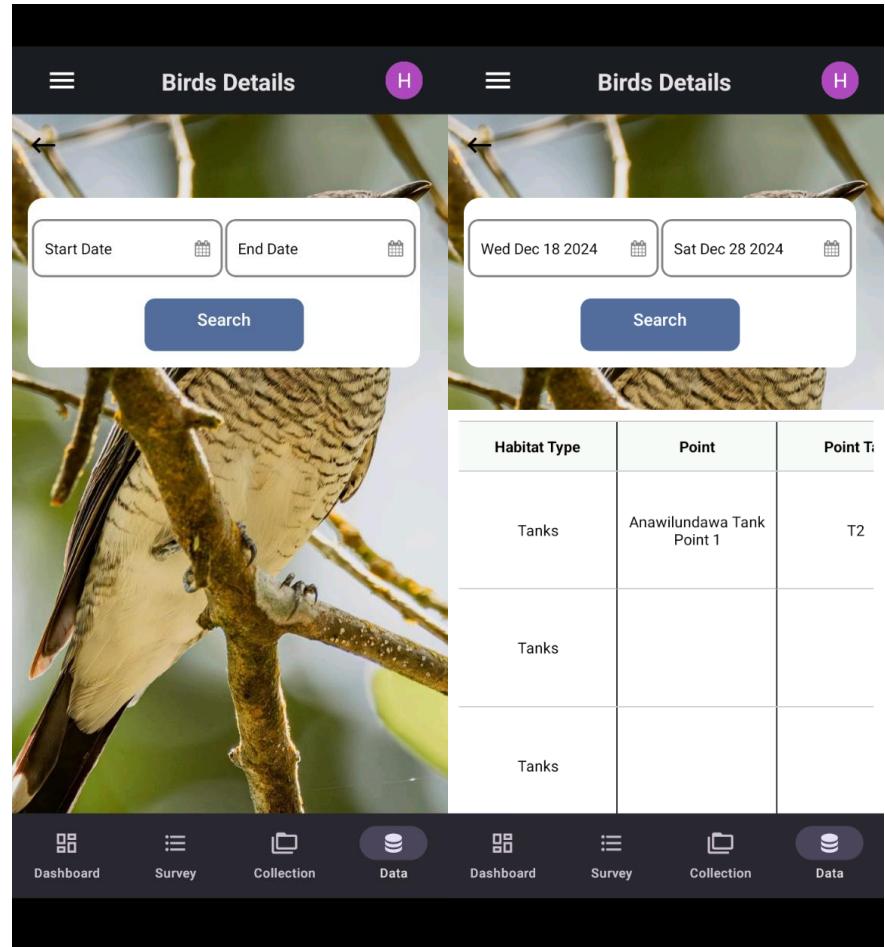
- You Can navigate to collection Category by clicking collection category



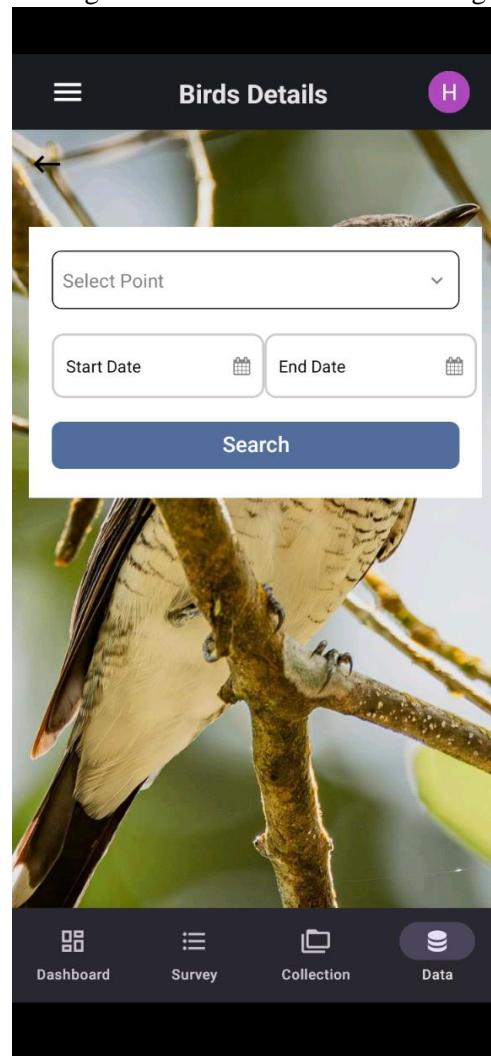
- You can navigate to Data collection by clicking Data



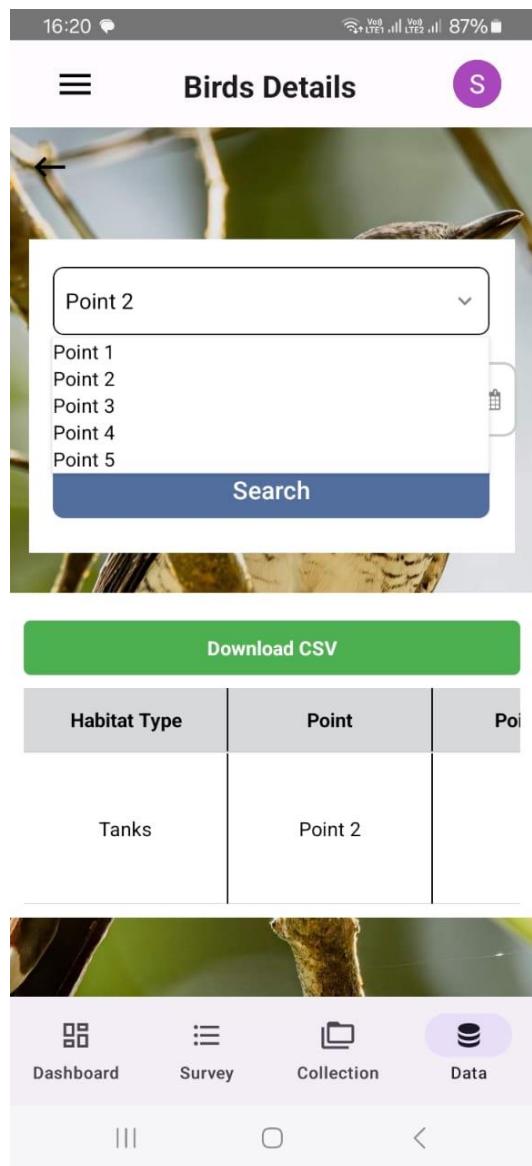
- You can navigate to the Date Filter collection by clicking Data Filter Option. If you want to get data for 01/04/2024, you should add date range as 01/04/2025 - 02/04/2025

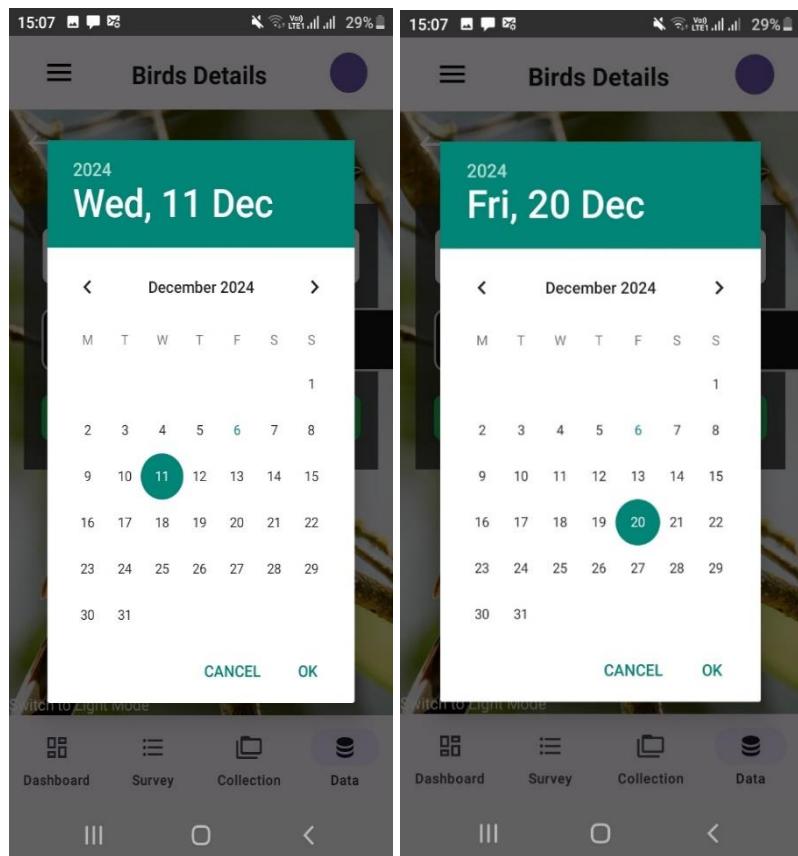


- App automatically converts Light mode to Dark mode according to device.

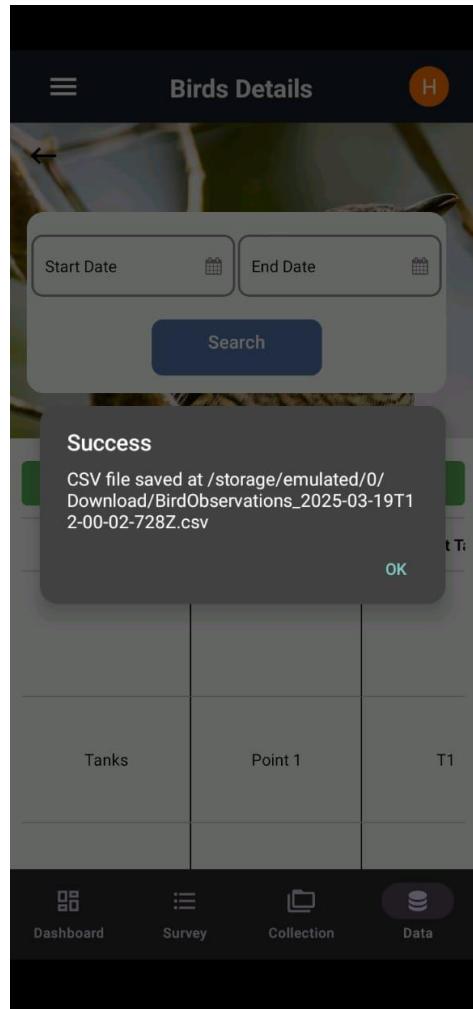


1. You Can Navigate to Date Point and filter option by clicking Date & point filter.





- You can download these data as a csv file by clicking ‘download csv’.



- You can navigate to Count Filter collection by clicking Count collection option in Data collection.

