

Mangrove App Installation Guide

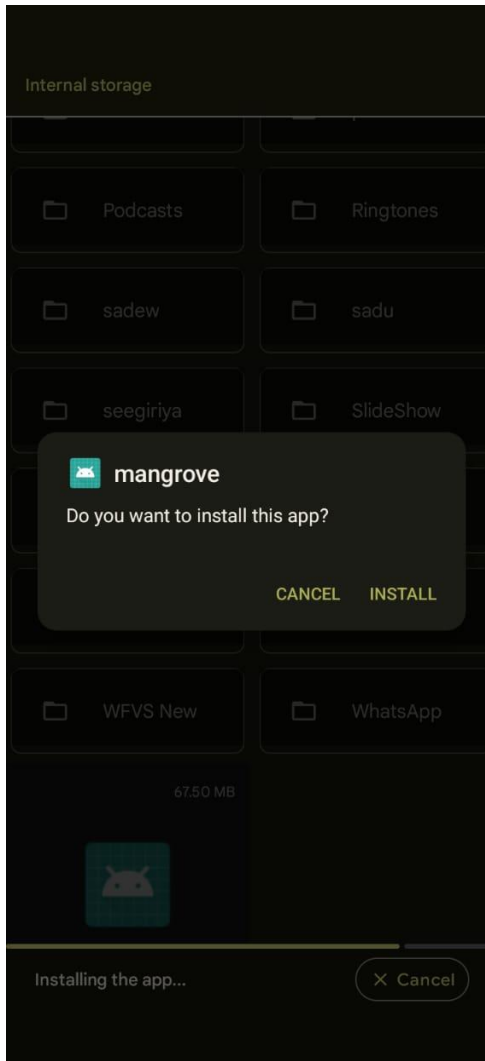


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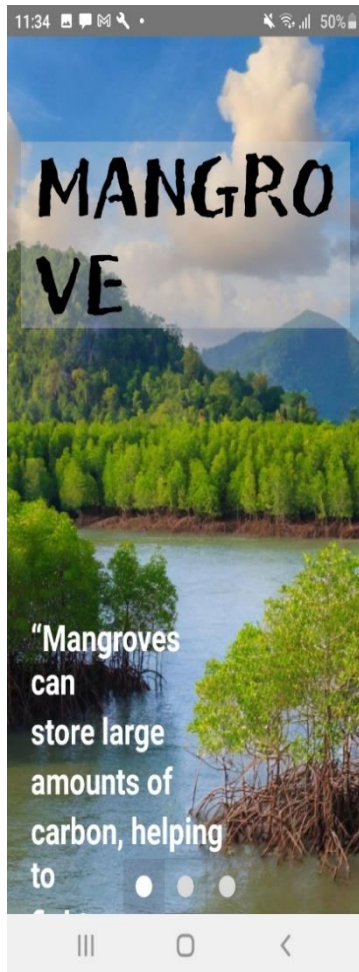
1. Installation Process

- 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

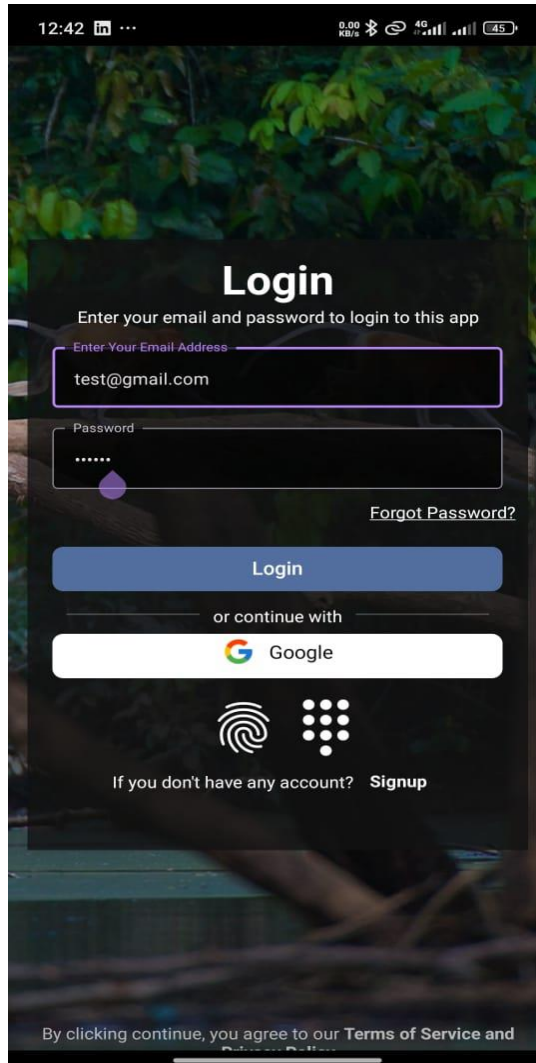
- When you launch the app, you can see three **onboarding** screens.



3. Sign-In Process

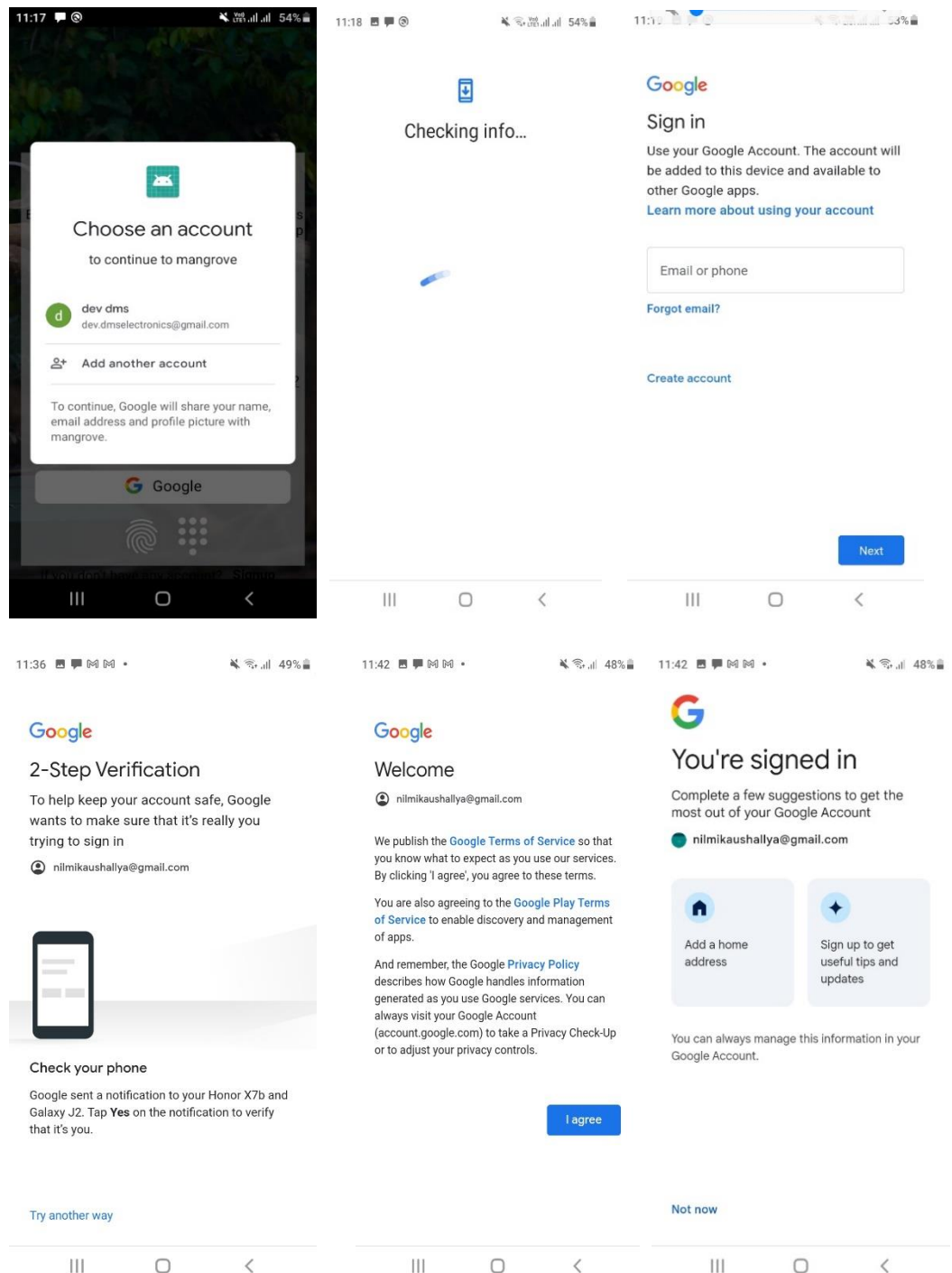
Option 1

- 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.

Privacy Policy

1. Introduction

Welcome to mangrove application. Your privacy is critically important to us.

2. Information We Collect

We collect personal information that you provide to us, such as your name, email address, and other data you input into the app.

3. How We Use Your Information

We use your information to provide, operate, and maintain our services, as well as to improve our offerings.

4. Sharing Your Information

We do not share your personal information with third parties except as necessary to provide our services or as required by law.

5. Data Security

We implement security measures to protect your data, but no method of transmission over the internet is 100% secure.

6. Your Rights

You have the right to access, update, or delete your personal information. Contact us if you wish to exercise these rights.

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7. Changes to This Policy

We may update this Privacy Policy from time to time. Any changes will be communicated via the app or our website.

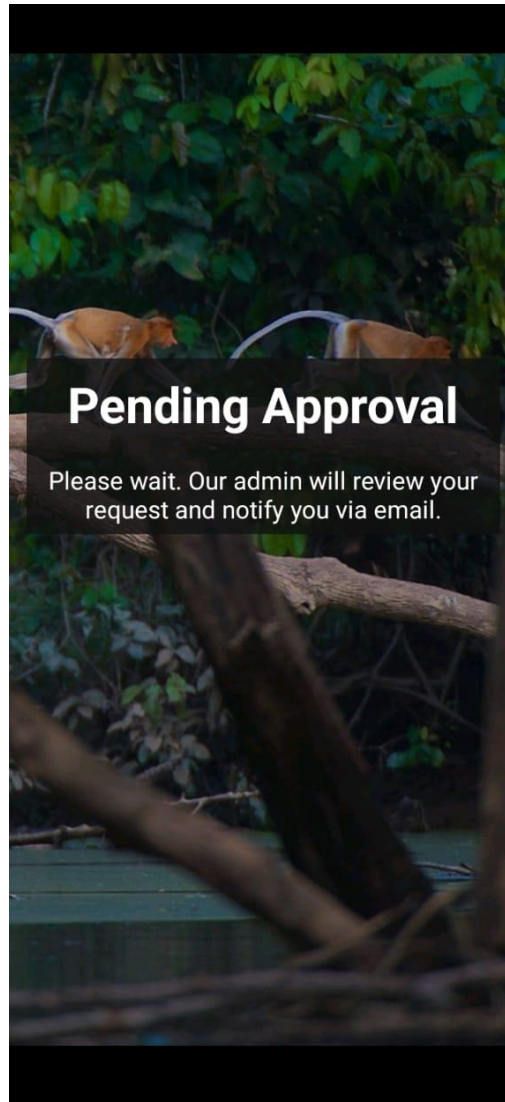
8. Contact Us

If you have any questions or concerns about this Privacy Policy, please contact us at dmselectronics.division02@gmail.com

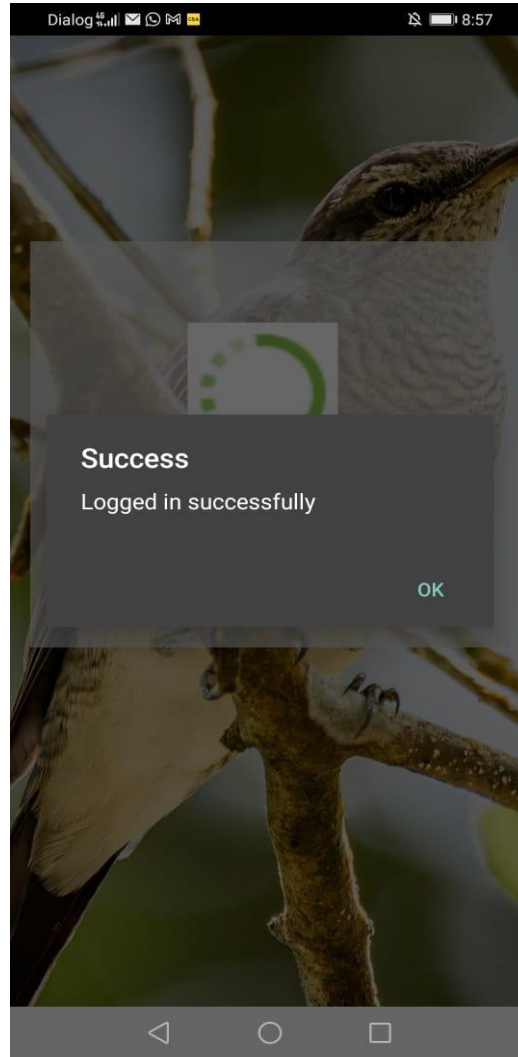
☒ I have read and agree to the Privacy Policy

Next

- 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.



- 11:26 52% 11:27 52%



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

12:19

Forgot Password

Enter your email address below to reset your password.

Send

[Back to Login](#)

12:20

Reset Password

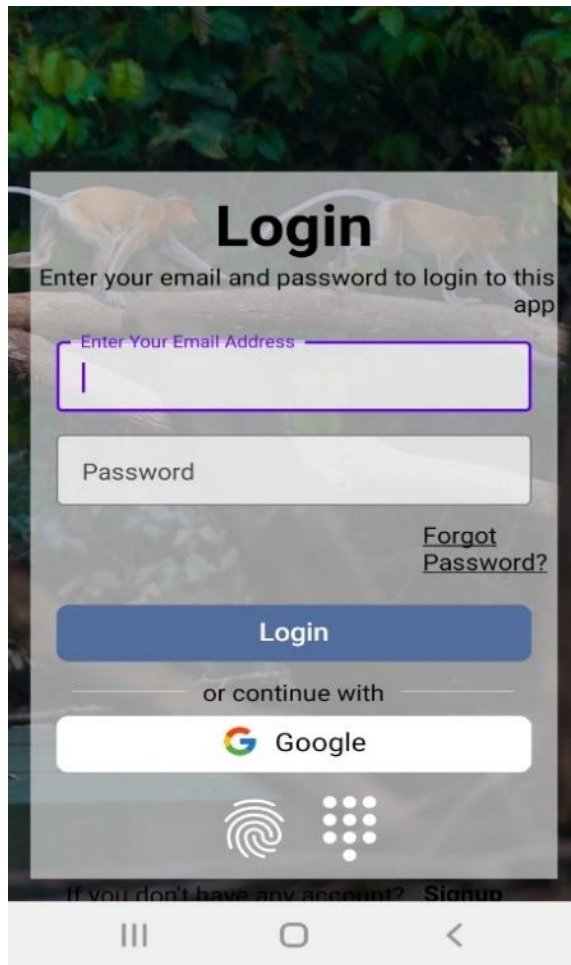
Enter new password to reset the password

Save

Remember Password ? [Signin](#)

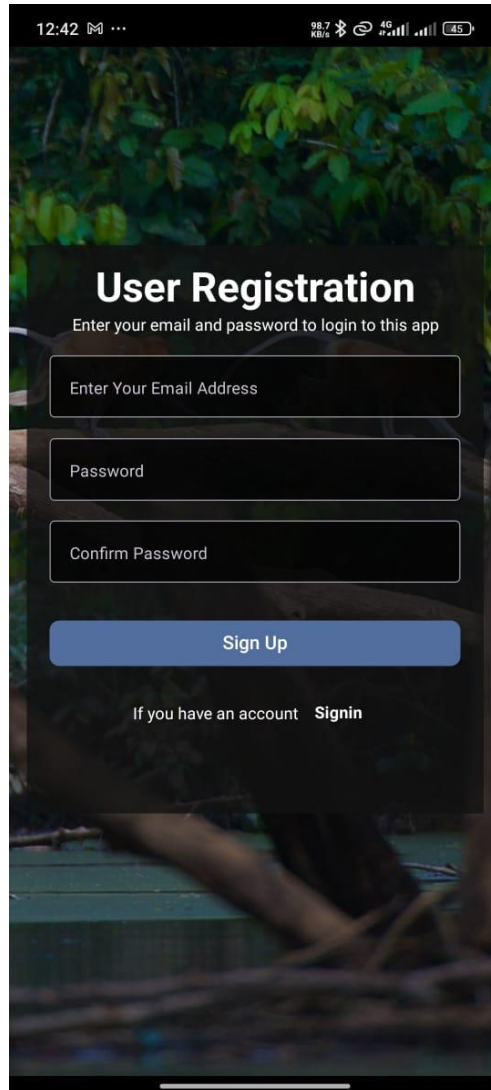
Option 3

- 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.

A screenshot of a mobile application's 'User Registration' screen. The screen has a dark background with a blurred image of green foliage. At the top, the status bar shows the time 12:42, signal strength, and battery level at 45%. The title 'User Registration' is centered in white. Below it, a subtitle reads 'Enter your email and password to login to this app'. There are three input fields: 'Enter Your Email Address', 'Password', and 'Confirm Password'. A blue 'Sign Up' button is positioned below the input fields. At the bottom, there is a link that says 'If you have an account Signin'.

- 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.

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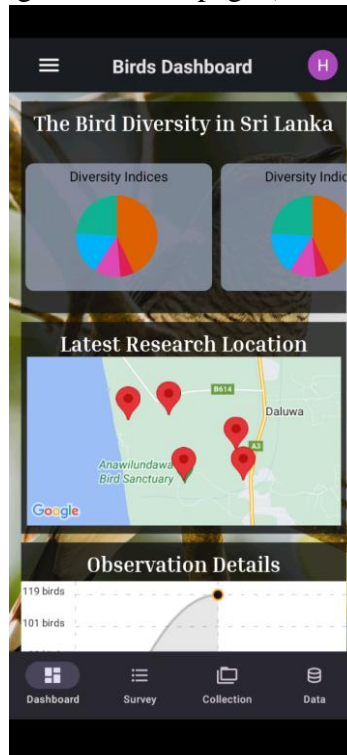
☒ I have read and agree to the Privacy Policy

Next

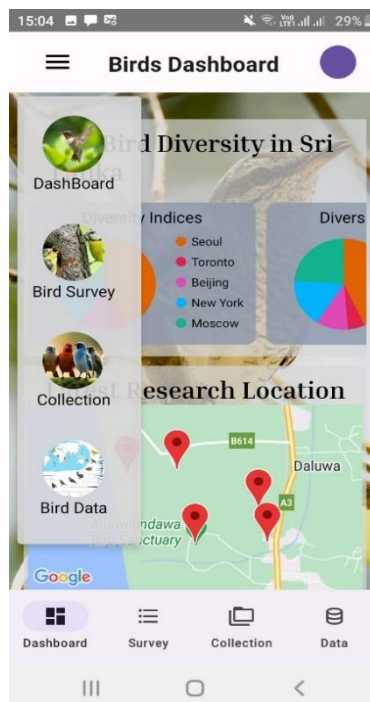
- Then your account making request is passed to admin and after the approval from the admin, you can make your account and log in to the app.

5. Home Page and next actions

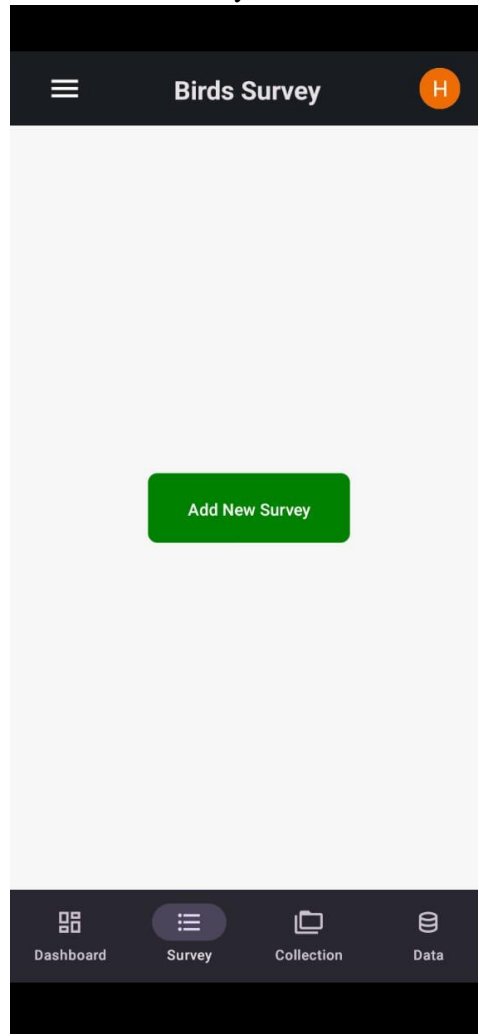
- After sign-in/sign-up navigate to Home page (Birds Dashboard).

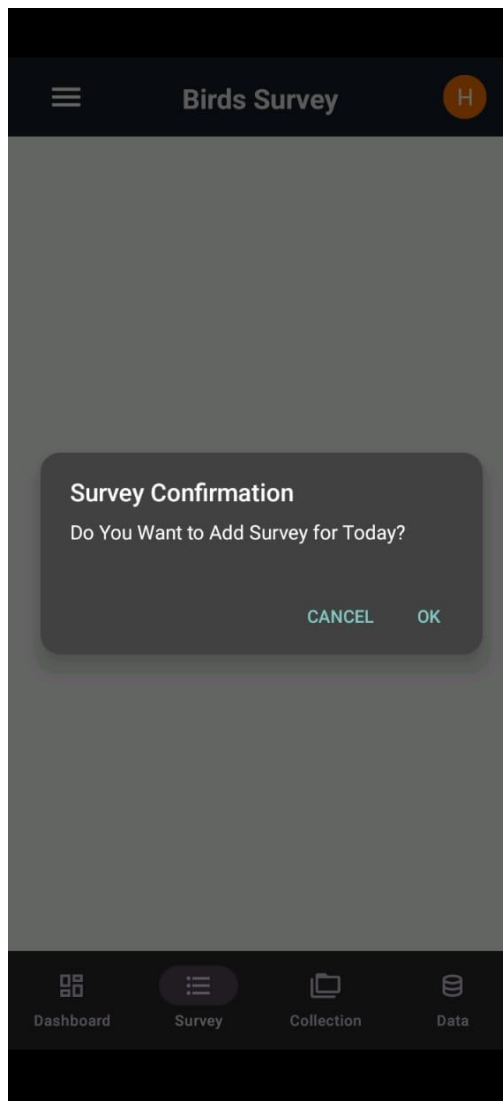


- In Dashboard You can navigate Bird Survey, Collection, Bird Data categories)

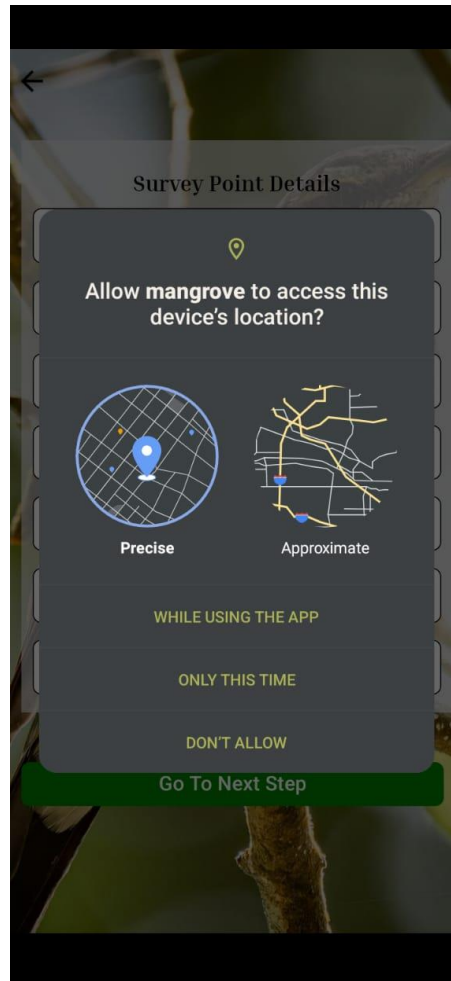


- In here if you want to start a new bird survey, Click add new survey

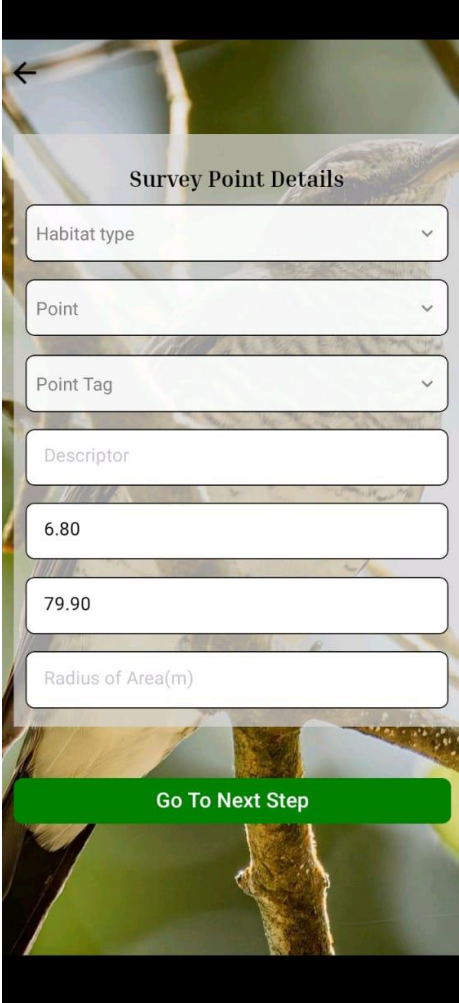




- After that, you'll navigate to the first survey form part which about 'Survey Point Details'
- First of all, you should provide permission to access location. This permission only asked on the first time you log in to this app.



- 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.

A mobile application form titled "Survey Point Details" is displayed over a background image of a bird. The form includes a back arrow at the top left. It contains several input fields: three dropdown menus for "Habitat type", "Point", and "Point Tag"; a text field for "Descriptor"; a text field containing "6.80"; a text field containing "79.90"; and a text field for "Radius of Area(m)". At the bottom is a green button labeled "Go To Next Step".

Survey Point Details

Habitat type

Point

Point Tag

Descriptor

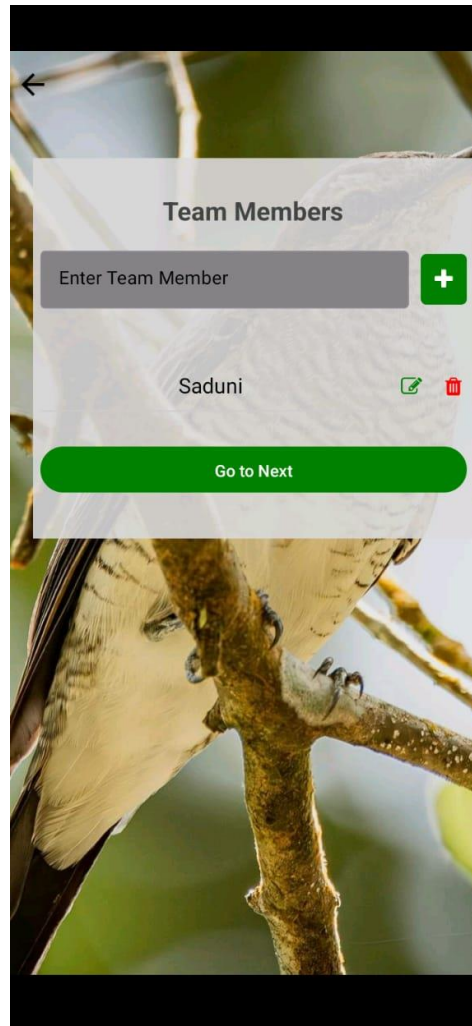
6.80

79.90

Radius of Area(m)

Go To Next Step

- 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.

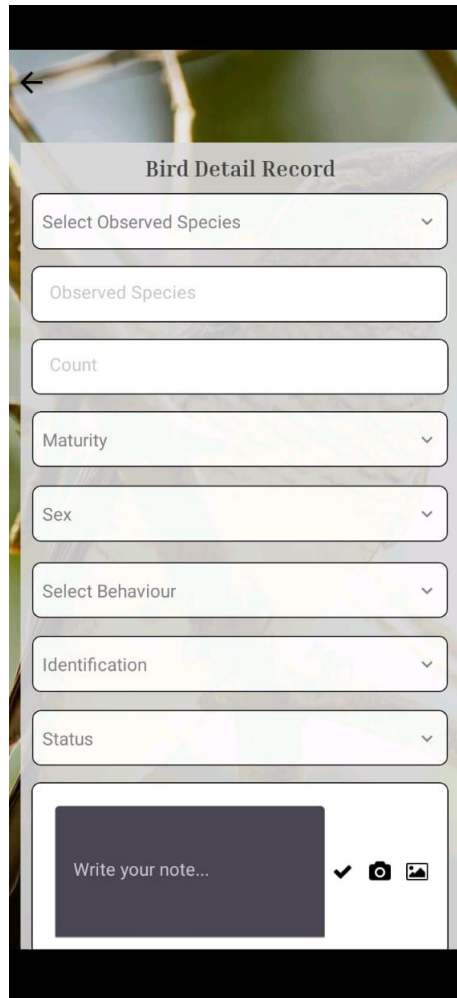


- After that you can add common data into common data survey form. Date,observer,start time,end time and weather conditions are mandatory here. Without filling those you cannot continue.



The image shows a mobile application interface for a survey form titled "Common Detail Record". The form is overlaid on a background image of a bird perched on a branch. The form contains several input fields: "Select Date" with a calendar icon, "Select Observer" with a dropdown arrow, two time fields both showing "17:32:27" with clock icons, "Select Weather Condition", "Select Water Availability", and "Status Of Vegetation" with a dropdown arrow. At the bottom of the form, there are two green buttons: "Add First Observed Bird Data" and "Submit your full Survey". A back arrow is visible in the top left corner of the form overlay.

- 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 image shows a mobile application interface for recording bird details. At the top, there is a back arrow icon. Below it, the title 'Bird Detail Record' is centered. The form consists of several input fields, each with a dropdown arrow on the right: 'Select Observed Species', 'Observed Species', 'Count', 'Maturity', 'Sex', 'Select Behaviour', 'Identification', and 'Status'. At the bottom, there is a text area labeled 'Write your note...' with a checkmark icon, a camera icon, and a gallery icon to its right.

A mobile application form for data entry, displayed on a smartphone screen. The form is overlaid on a background image of a bird. At the top left, there is a back arrow icon. The form consists of several input fields: a text field labeled 'Count', and five dropdown menus labeled 'Maturity', 'Sex', 'Select Behaviour', 'Identification', and 'Status'. Below these is a larger text area labeled 'Write your note...' with a checkmark icon, a camera icon, and a gallery icon to its right. Underneath the note field is the text 'Upload a Photo' followed by a blue circular camera icon. At the bottom of the form is a prominent green button labeled 'Submit'.

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

Common Detail Record

Select Date 

Select Observer 

17:32:27 

17:32:27 

Select Weather Condition

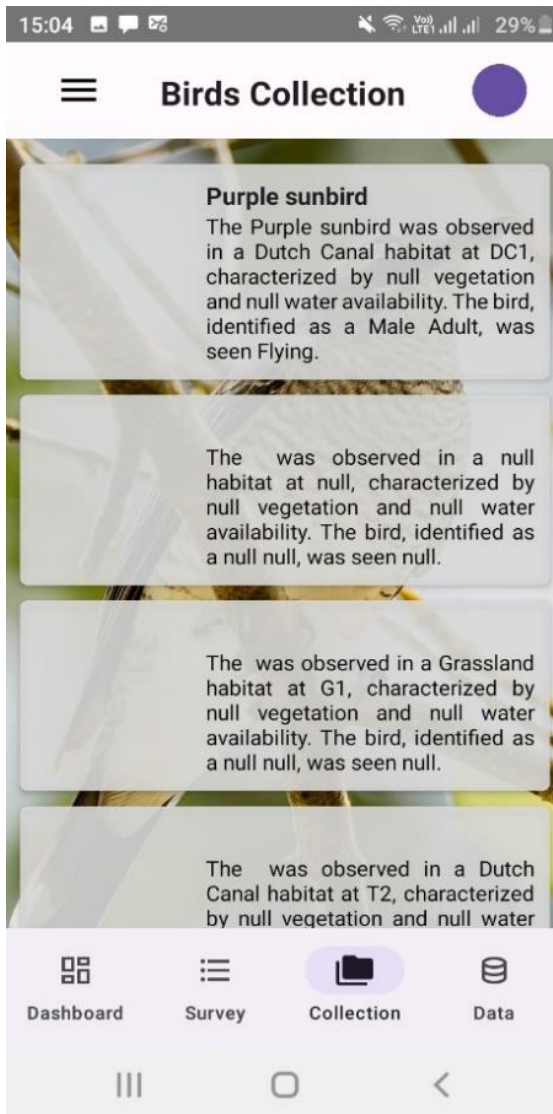
Select Water Availability

Status Of Vegetation 

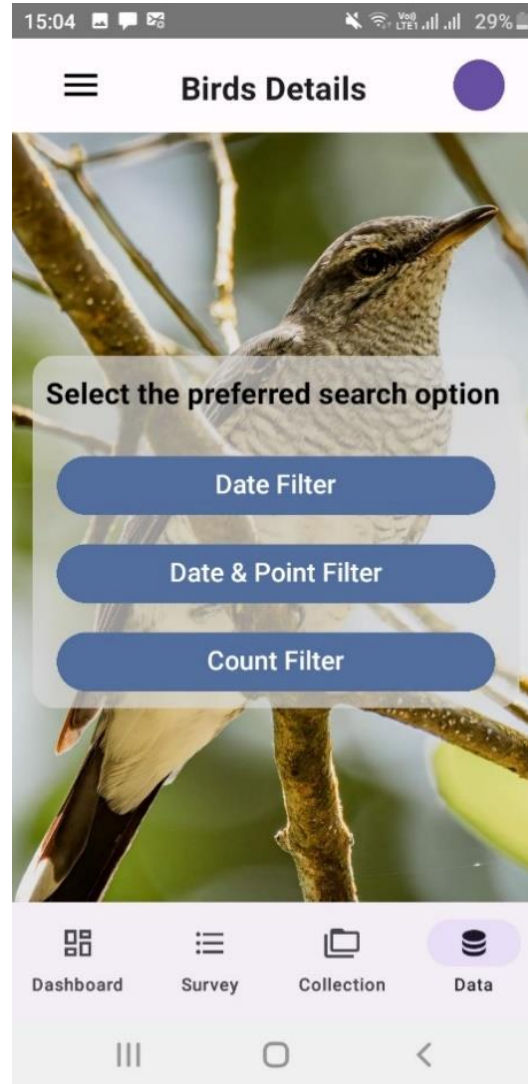
Add First Observed Bird Data

Submit your full 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

The image displays two side-by-side screenshots of a mobile application titled "Birds Details".

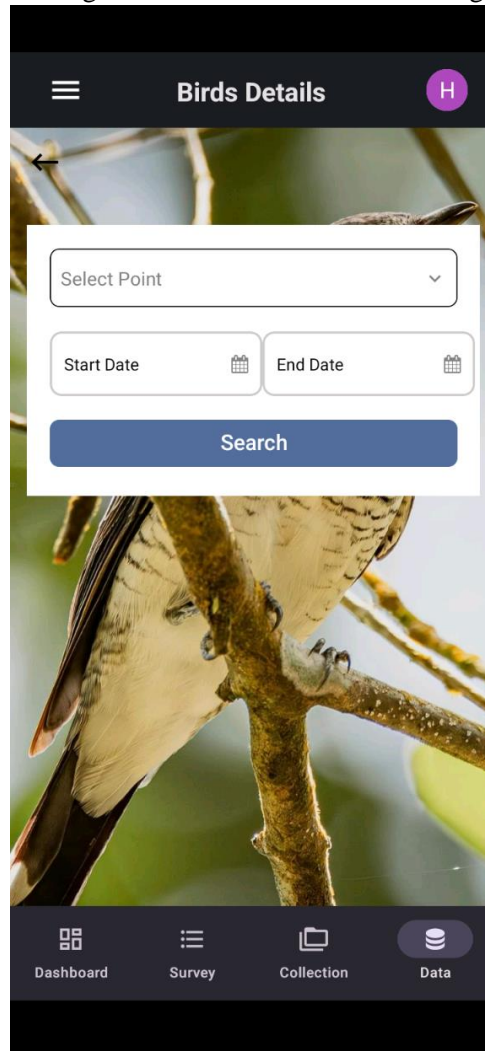
Left Screenshot: Shows the date filter selection interface. It features a "Start Date" field and an "End Date" field, both with calendar icons. Below these fields is a blue "Search" button. The background is a close-up image of a bird perched on a branch.

Right Screenshot: Shows the same interface with dates selected. The "Start Date" field displays "Wed Dec 18 2024" and the "End Date" field displays "Sat Dec 28 2024". Below the date fields is a table with three columns: "Habitat Type", "Point", and "Point T".

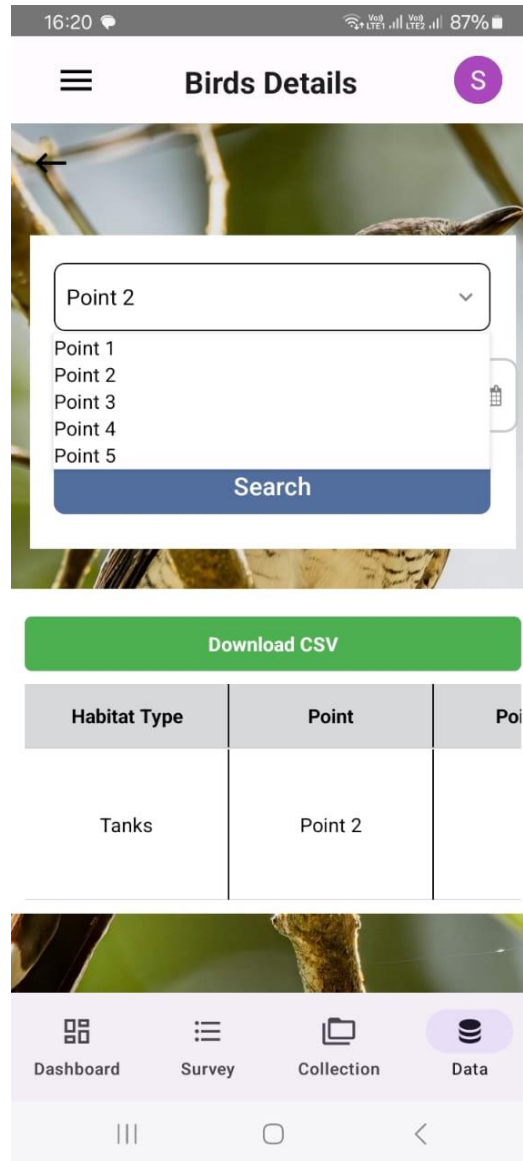
Habitat Type	Point	Point T
Tanks	Anawilundawa Tank Point 1	T2
Tanks		
Tanks		

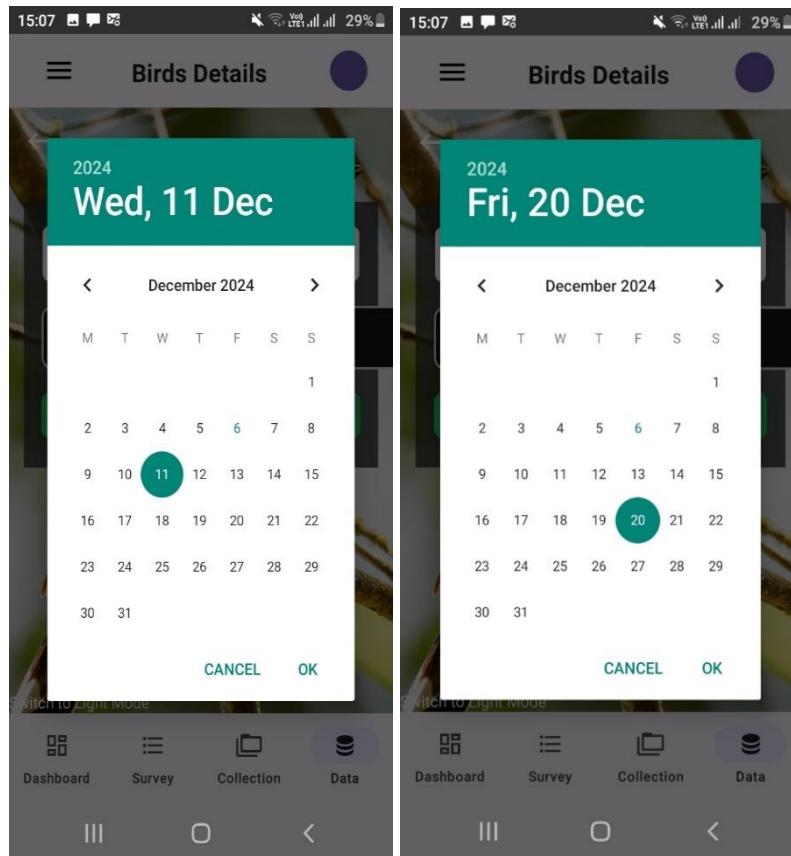
At the bottom of both screenshots is a navigation bar with four icons and labels: "Dashboard", "Survey", "Collection", and "Data". The "Data" icon is highlighted in the right screenshot.

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

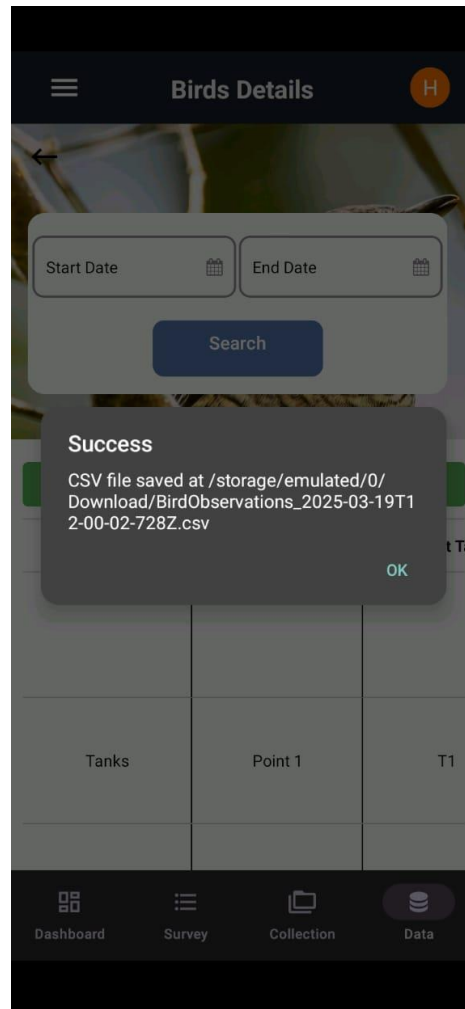


1. You Can Navigate to Date Point and filter option by clicking Date & point filter.





- 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.

