



CA3

Final Year Project

Bachelor of Science in Information Technology

DrukeBird

Submitted by

CHEKI LHAMO(12190043)

DEMA LHAMO(12190047)

KARMA CHODA(12190055)

NAR BDR KHARKA(12190065)

TSSHERING WANGCHUK(12190099)

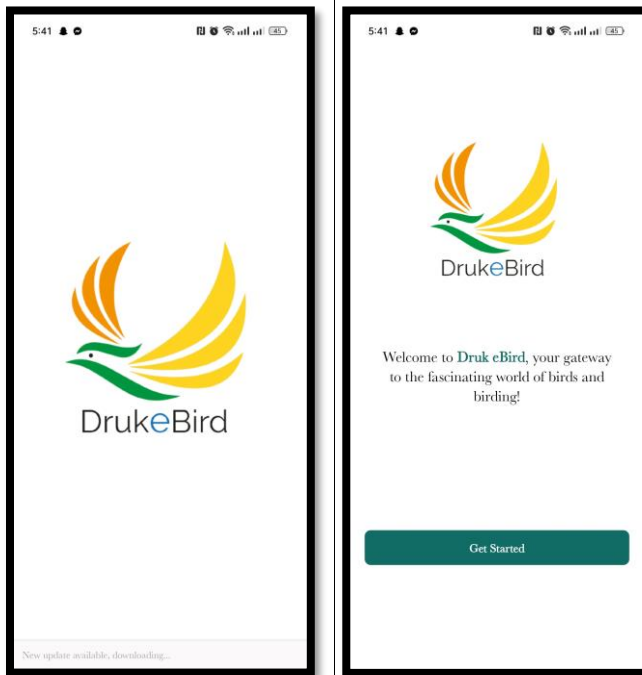
Gyalpozhing College of Information Technology

Screen/Functionalities	Status
Splash Screen	Done
Login	Done
Registration	Done
Forgot Password	Done
Logout	Done
Home Screen	Done
Help	Done
Setting	Done
Contact Us	Done
About	Done
My Profile	Done
Edit Profile Information	Done
Update Password	Done
Start Birding	Progress
User Checklist	Progress
Explore	Not done
Notification	Not done

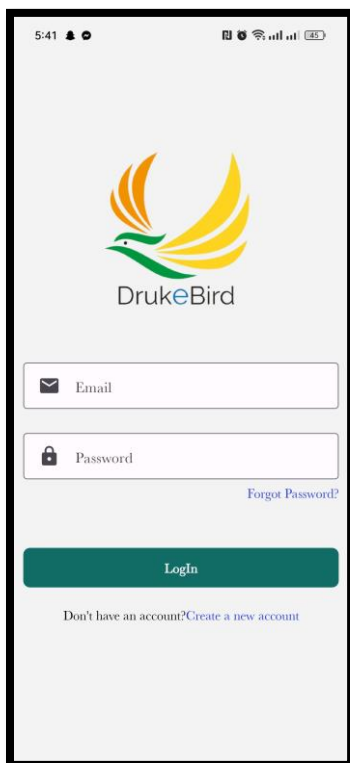
The table consists of two distinct columns, namely "Screen/Functionalities" and "Status." The purpose of the "Screen/Functionalities" column is to comprehensively outline all the screens present within the Drukebird App along with its functionalities. The "Status" column serves the purpose of indicating the current progress or status of each individual screen or functionality listed in the table.

Followings are the screenshots of the screens/functionalities that have been completed thus far in the development of the Drukebird App.

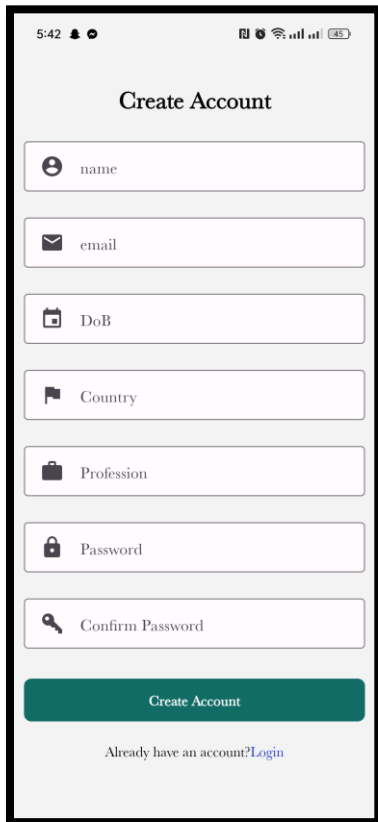
1. Splash Screen



2. Login

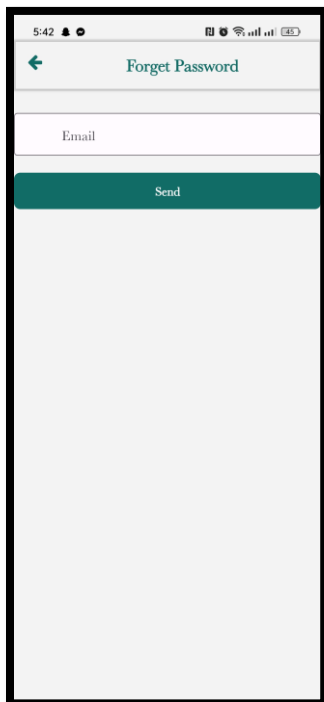


3. Registration



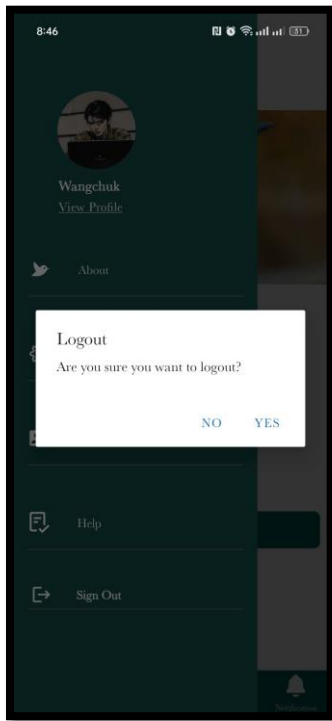
A mobile app registration screen titled "Create Account". The screen features a status bar at the top with the time 5:42, signal strength, and battery level at 45%. Below the title, there are seven input fields, each with a corresponding icon: a person icon for "name", an envelope icon for "email", a calendar icon for "DoB", a flag icon for "Country", a briefcase icon for "Profession", a lock icon for "Password", and a key icon for "Confirm Password". At the bottom of the form is a green button labeled "Create Account". Below the button, there is a link that says "Already have an account? Login".

4. Forgot Password

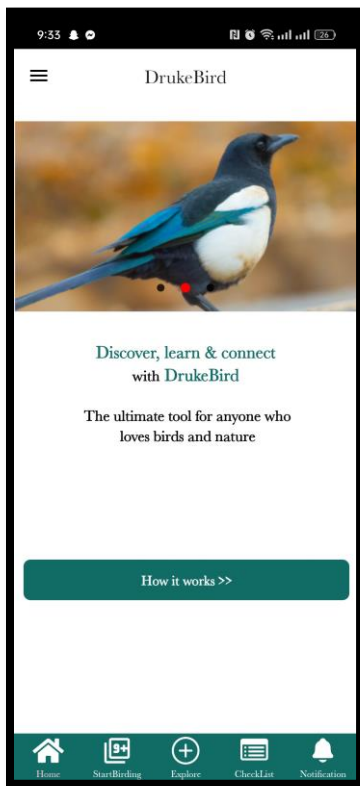


A mobile app forgot password screen titled "Forget Password". The screen features a status bar at the top with the time 5:42, signal strength, and battery level at 45%. Below the title, there is a back arrow icon and a text input field labeled "Email". At the bottom of the form is a green button labeled "Send". The bottom half of the screen is a large, empty light gray area.

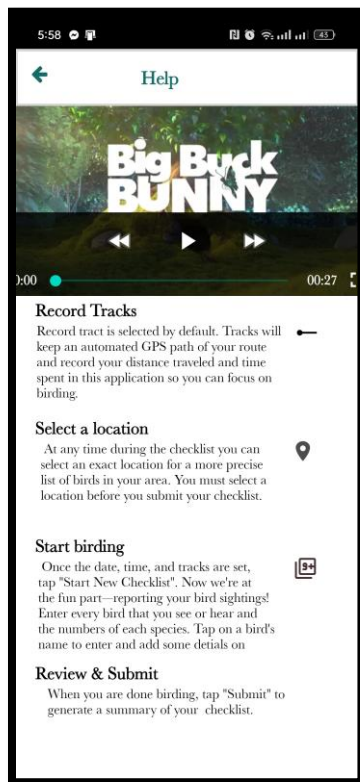
5. Logout



6. Home Screen



7. Help

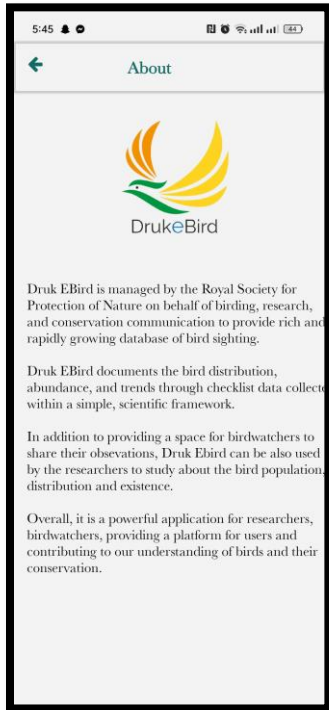


8. Contact Us

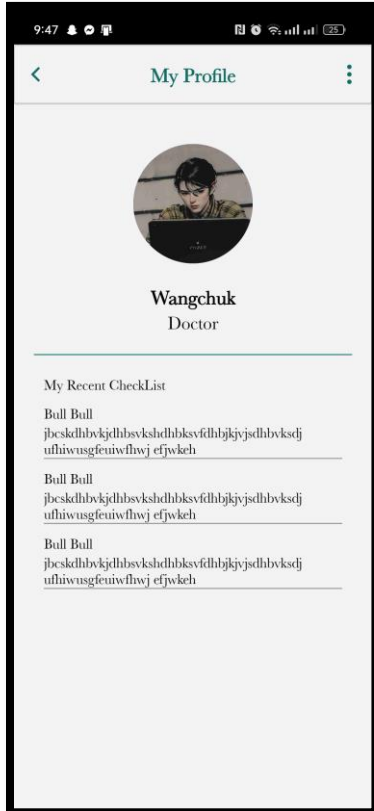
The screenshot shows the 'Contact Us' screen of the 'Big Buck Bunny' application. At the top, there is a status bar with the time 5:58 and various icons. Below the status bar is a header with a back arrow and the text 'Contact Us'. The main content area has a light gray background with the text 'Leave a message' and a white form with the following fields:

- Name**: A text input field.
- Email**: A text input field.
- Message**: A text input field.
- Send Message**: A green button with white text.

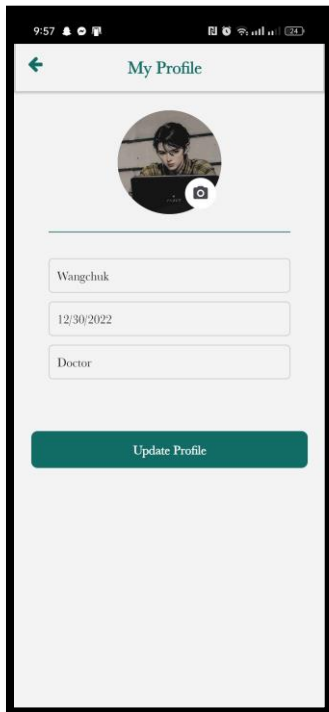
9. About



10. My Profile

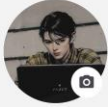


11. Edit Profile Information



9:57

← My Profile



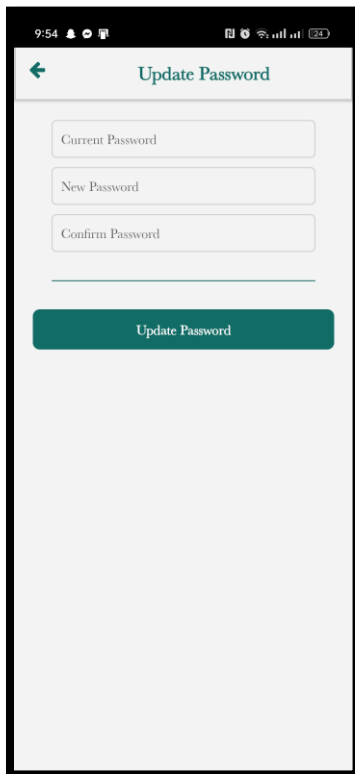
Wangchuk

12/30/2022

Doctor

Update Profile

12. Update Password



9:54

← Update Password

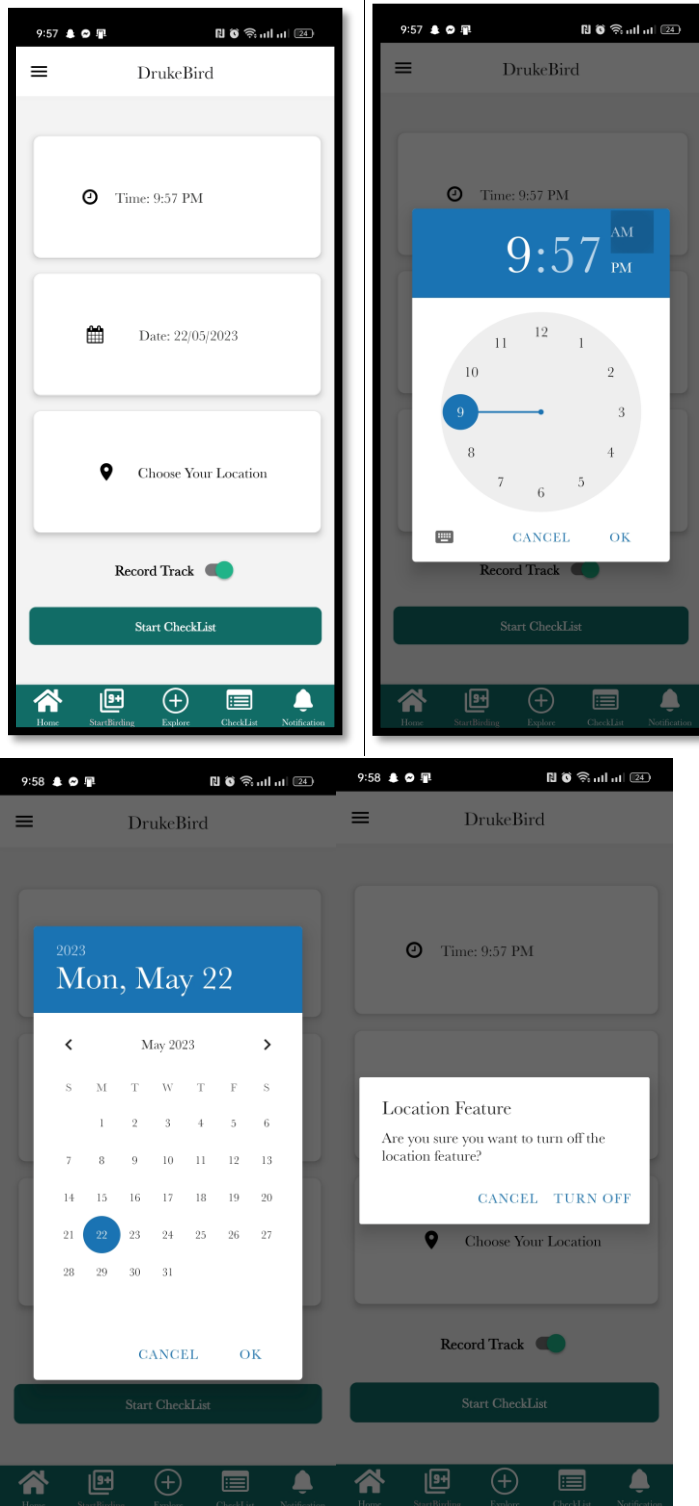
Current Password

New Password

Confirm Password

Update Password

13. Start Birding/Checklist



1. Completed Functionalities:

- Auto generation of time and date: The feature has been successfully implemented to automatically generate the timestamp when users start their birdwatching session.
- Updating the number of bird counts: Users can now conveniently update and track the number of birds they observe during their session.
- Extracting latitude and longitude: The functionality to extract the device's current location coordinates (latitude and longitude) has been successfully incorporated.

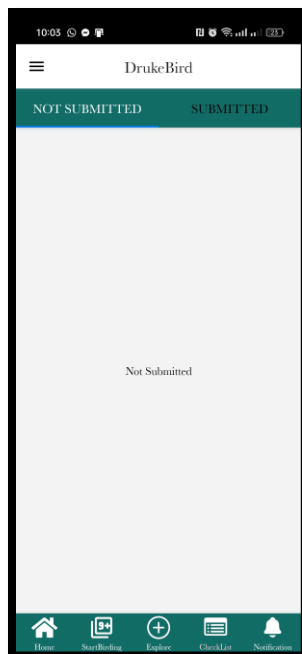
2. Pending Functionality:

Retrieval of place names: Currently, the system does not provide the names of places corresponding to the latitude and longitude coordinates. To achieve this, the integration of the Google Maps API is required. We have proposed the utilization of the Google Maps API to the client, as it provides the necessary functionality to extract place names. We are currently awaiting their response and decision on proceeding with this integration.

3. Next Steps:

Once we receive confirmation from the client regarding the integration of the Google Maps API, we will proceed with the implementation of the place name retrieval functionality. This will enhance the user experience by displaying the names of the observed locations during birdwatching sessions.

14. User Checklist Display



The UI design for the user checklist has been finalized. We are currently awaiting the checklist submission API from the client to enable secure checklist submission and

storage. Once the API is obtained, we will proceed with integrating it into the app and implementing the checklist retrieval functionality.