ReadMe

BIRDSCAPE Group Members:

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**Demo Video: Youtube Link:**

<https://www.youtube.com/watch?v=1Gpar4-3_IE>

\* BIRDSCAPE - A bird watching app that was designed and created with the goal of allowing its users to track, figurately capture and view said captured birds.

Description ~ BIRDSCAPE is a user-friendly mobile app designed for bird enthusiasts and nature lovers. Whether you're a seasoned birder or just starting your birdwatching journey, BIRDSCAPE is your go-to companion for an immersive birding experience.

**How to Install and Run the Project:**

**Android Studio Project Code ~**

Step 1

\* Ensure that one’s computer has the capabilities to operate Android Studio

\* Ensure one has the necessary space to download the application.

\* Check the required necessary system requirements

Step 2

\* Install Android Studio Electric Eel | 2022.1.1 (Jan 2023) or Android Studio Flamingo | 2022.2.1 Patch 2 (May 2023) (which is the latest version of Android Studio)

\*Visit <https://developer.android.com/studio?gclid=CjwKCAiA0syqBhBxEiwAeNx9N_SIDsG_iasqU7bofmIQgWWOW4LpcGCVj7Bbpztvarfbkn3_E9apPRoCcIgQAvD_BwE&gclsrc=aw.ds> to install Android Studio

Step 3

\* View and carefully read and identify the terms and conditions of installing Android Studio.

Step 4

\* Start coding and have FUN!!! 😊

Step 5

\* Download project code from GitHub by searching for our GitHub repository link

Step 6

\* Open Android Studio, click on open project, and navigate to the folder which contains developed code

\* You have now accessed our BIRDSCAPE Android Studio.

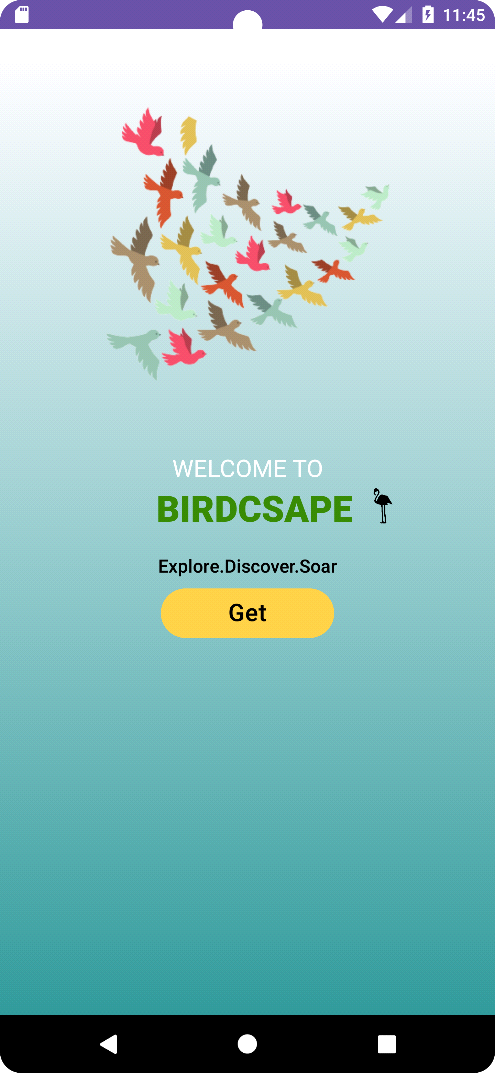
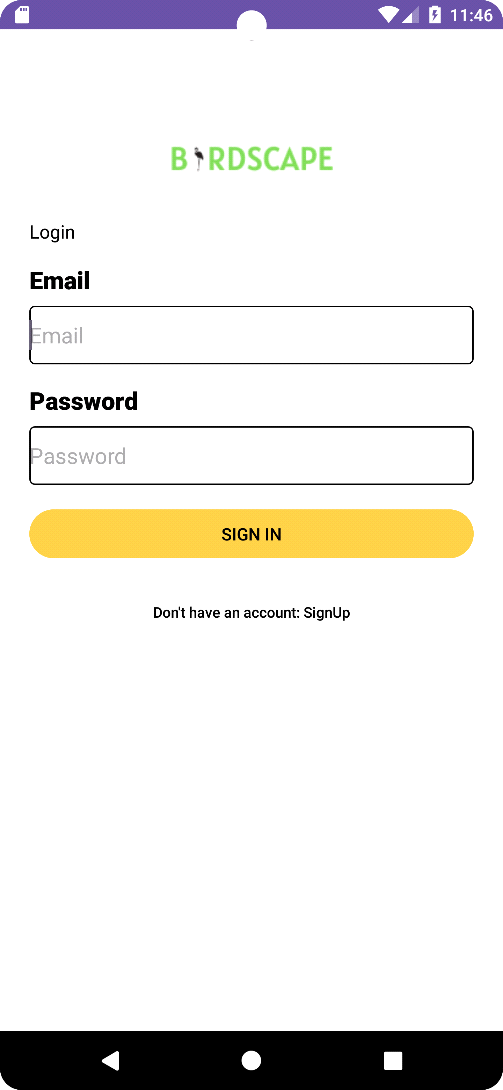
**#** **Key Features:**

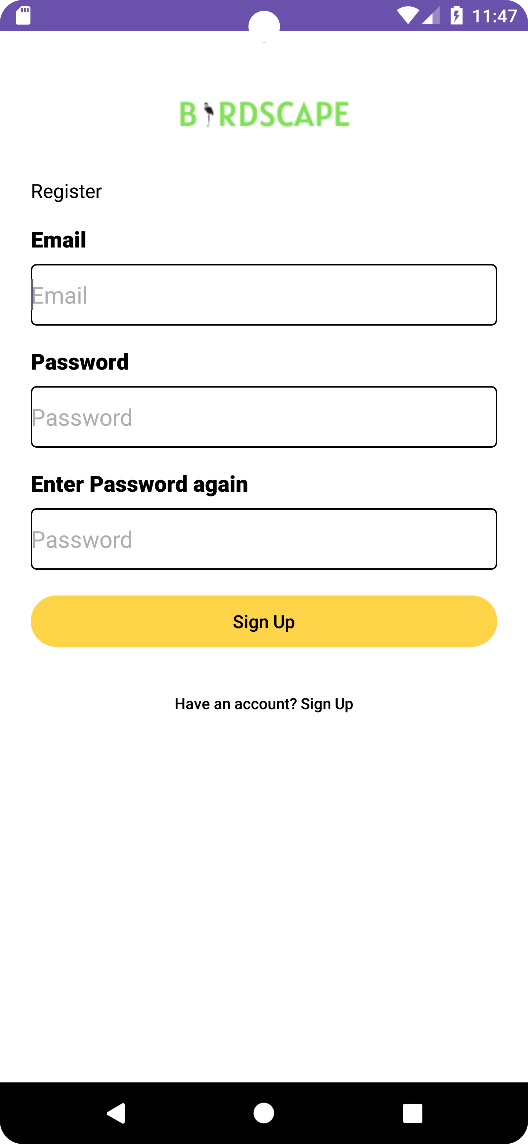
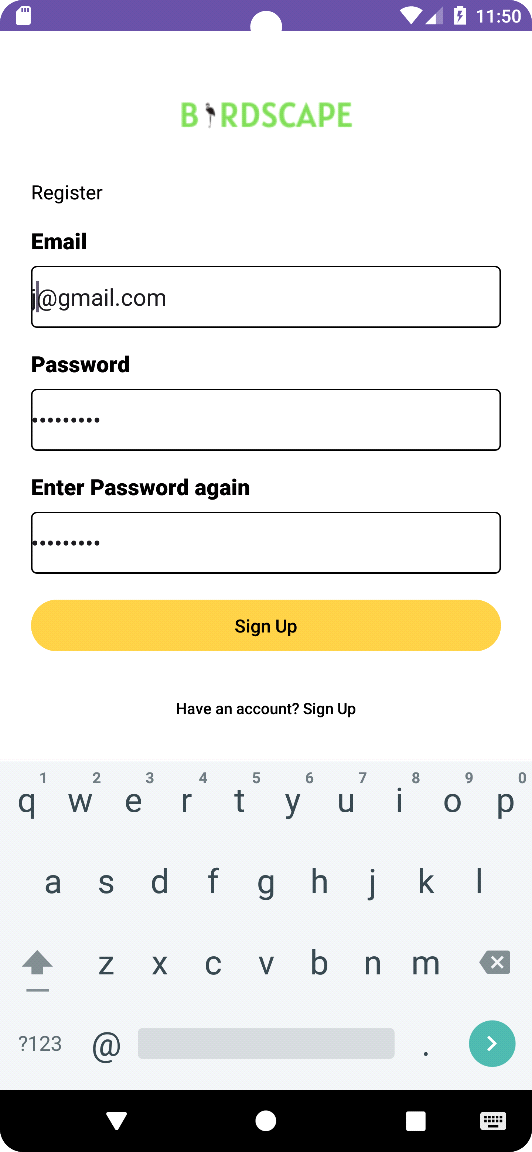
* **User Registration and Login:**
* Create your personalized BIRDSCAPE account or log in with ease.
* Your account allows you to keep track of your bird sightings and access your saved data.
* **Interactive Map:**
* BIRDSCAPE integrates a dynamic map feature that enhances your birdwatching adventures.
* With your permission, the app retrieves your location, so you can explore bird hotspots nearby.
* **Discover Bird Hotspots:**
* Easily locate birdwatching hotspots on the map.
* Explore popular birding areas or discover hidden gems for bird sightings.
* **Save Bird Sightings:**
* BIRDSCAPE lets you record your bird sightings with a few simple taps.
* Capture bird names, and even add photos to create a personal birdwatching journal.
* **View Your Birding History:**
* Access your bird sighting history at any time.
* Review past sightings, share them with fellow birders, and track your progress as you continue your birdwatching journey.

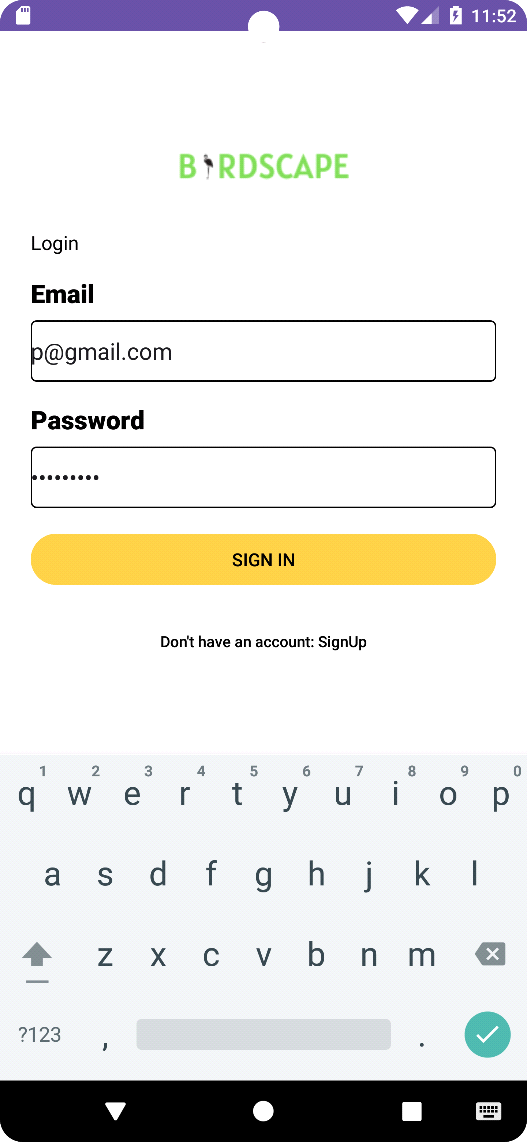
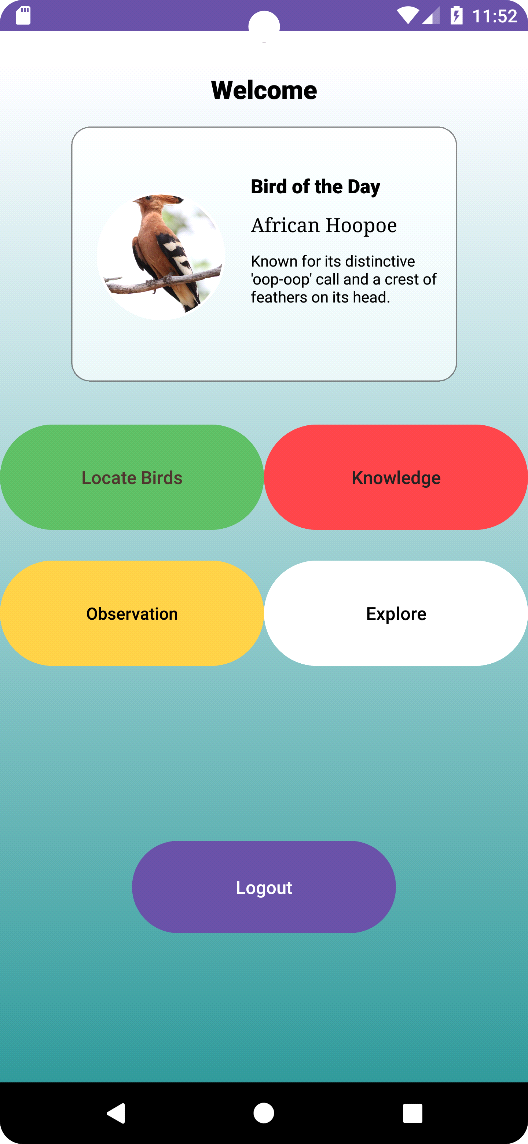
**Why BIRDSCAPE?**

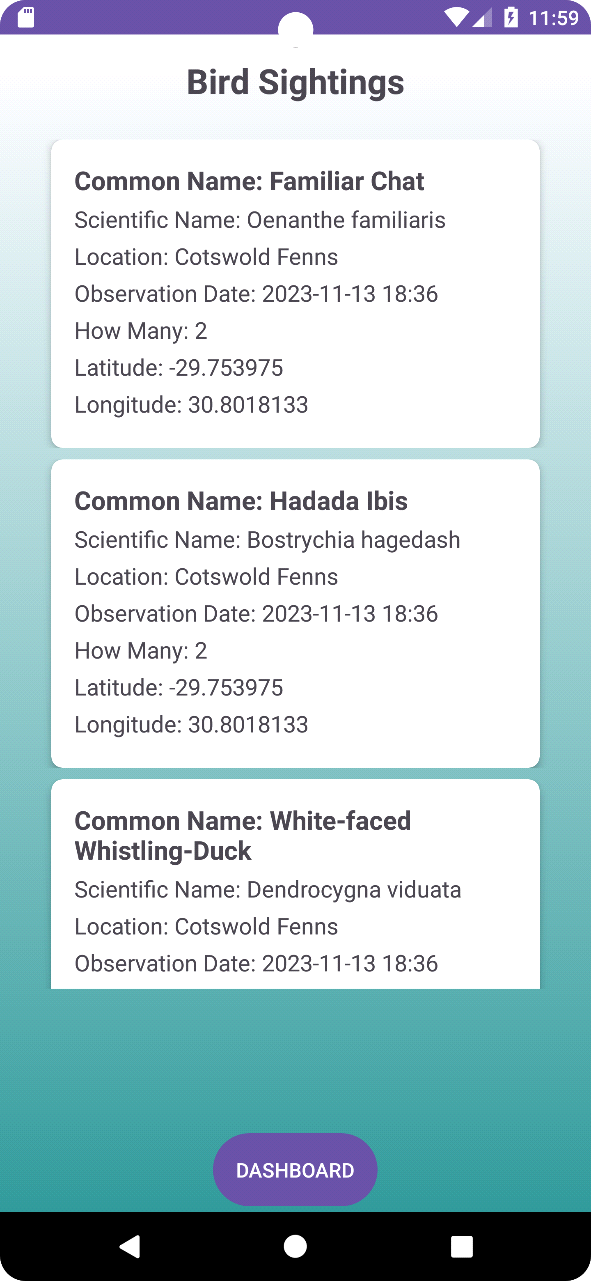
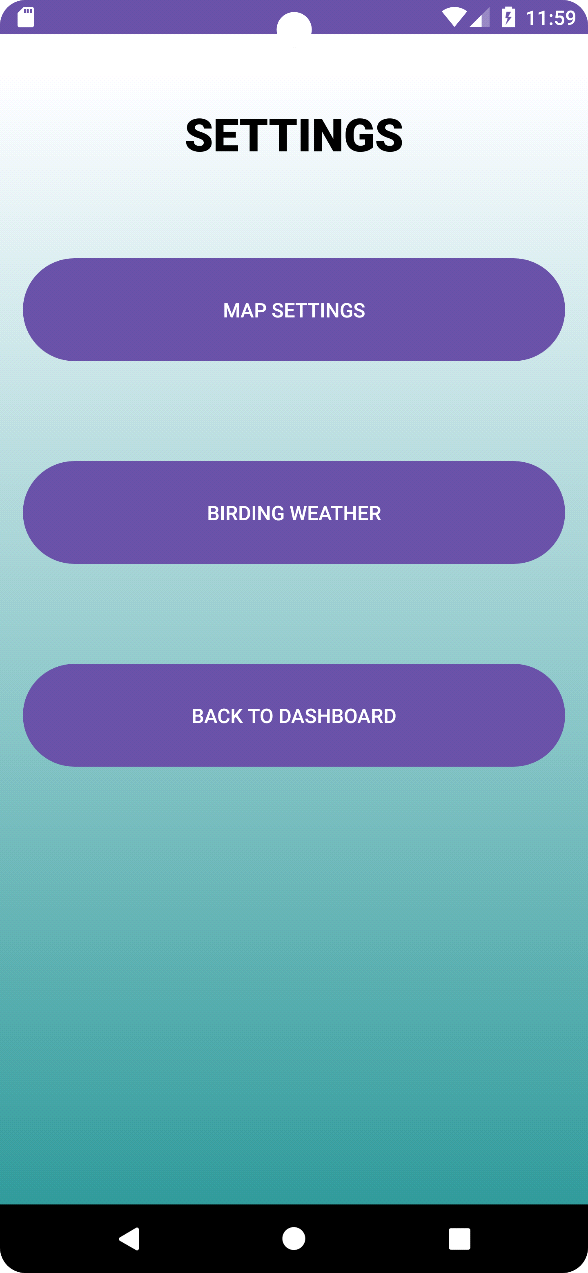
* **Connect with Nature:** BIRDSCAPE brings you closer to the wonders of the natural world. Explore the avian diversity in your area and beyond.
* **User-Friendly Interface:** The app is designed for all levels of birdwatchers, from beginners to experts. Its intuitive design ensures a seamless and enjoyable experience.
* **Community Sharing:** Connect with a community of fellow birders, share your sightings, and discover new species based on shared experiences.
* **Educational Resource:** BIRDSCAPE is a valuable educational resource. Learn more about birds, their habits, and habitats through our integrated database.

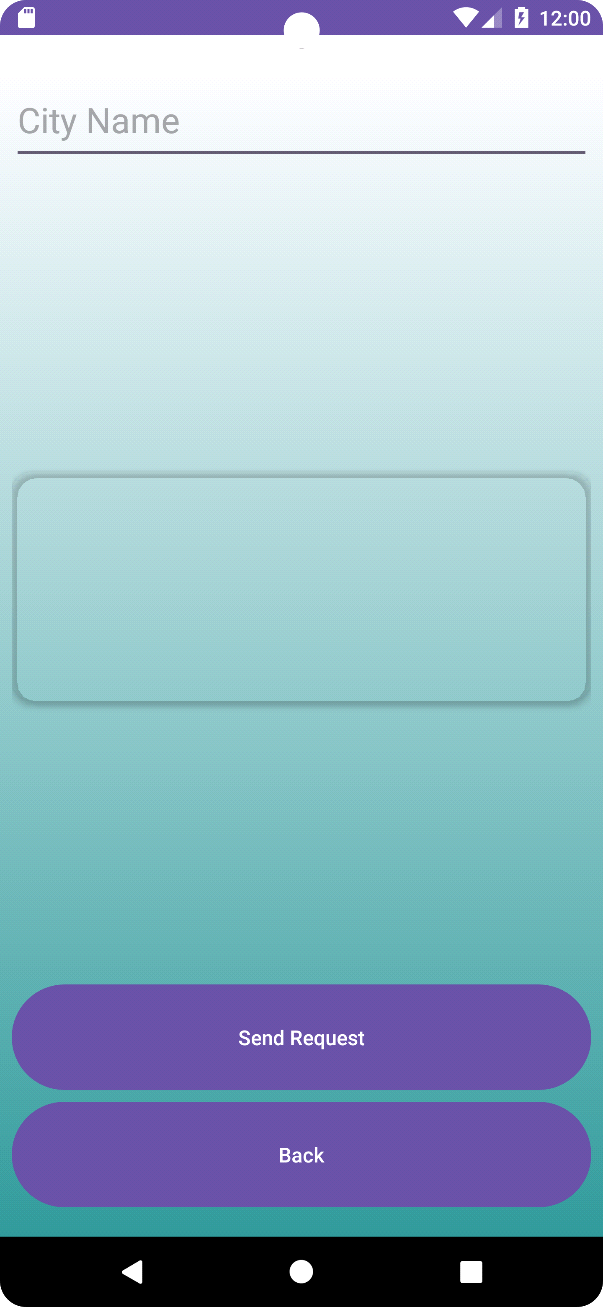
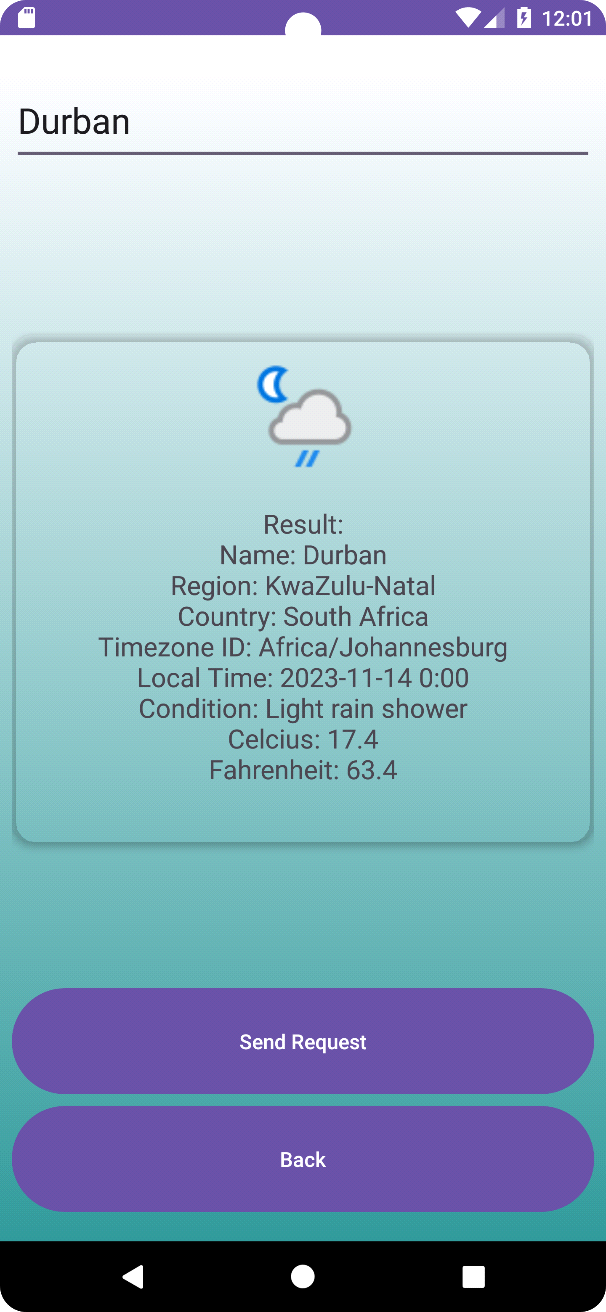
**Download BIRDSCAPE today and embark on a journey of discovery as you observe, record, and share your birdwatching experiences.**

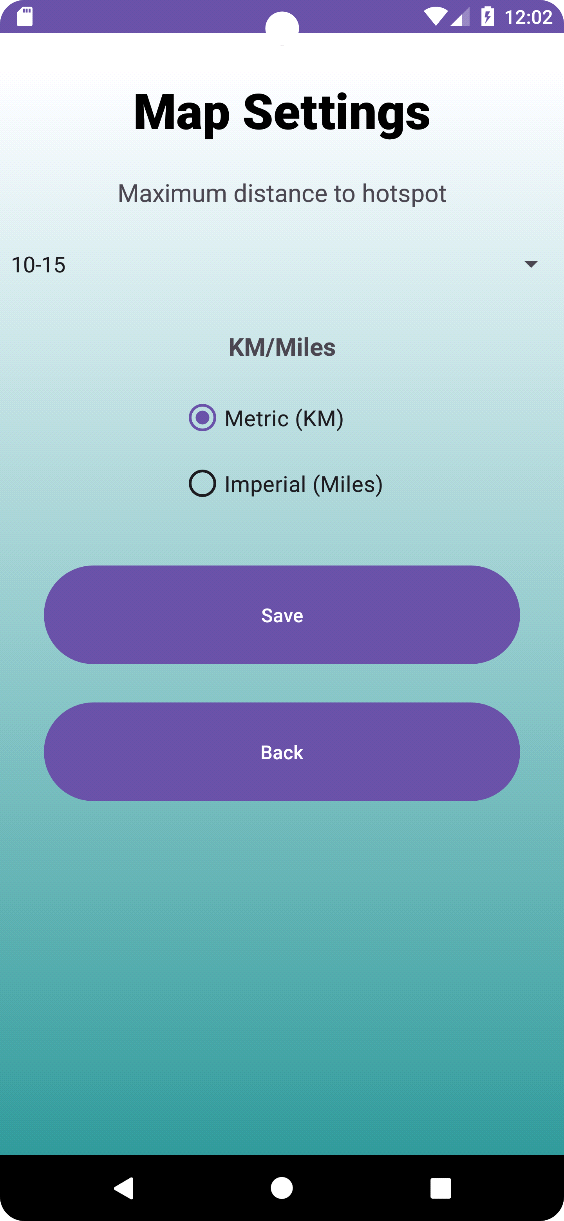
Images:  
 

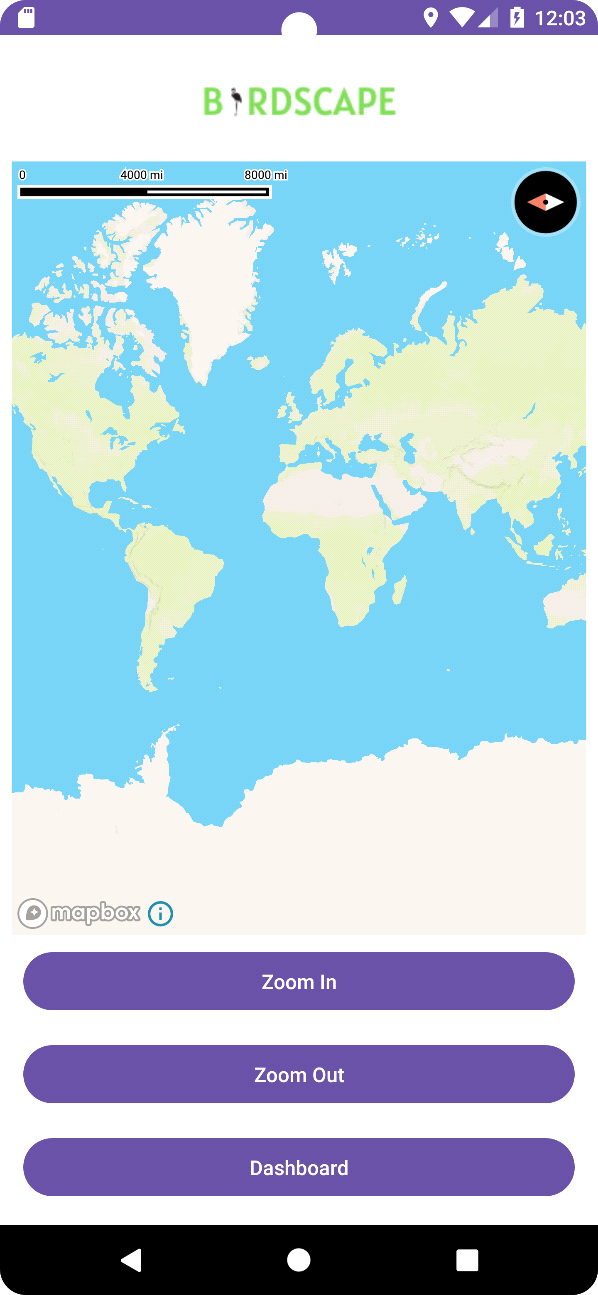
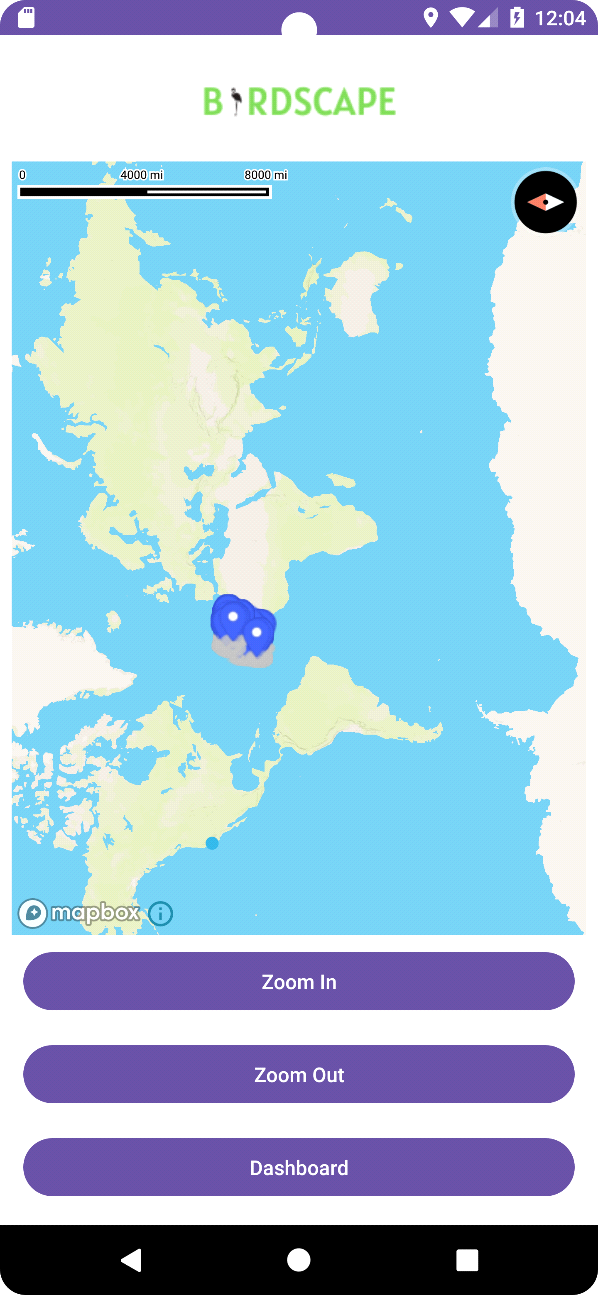
 

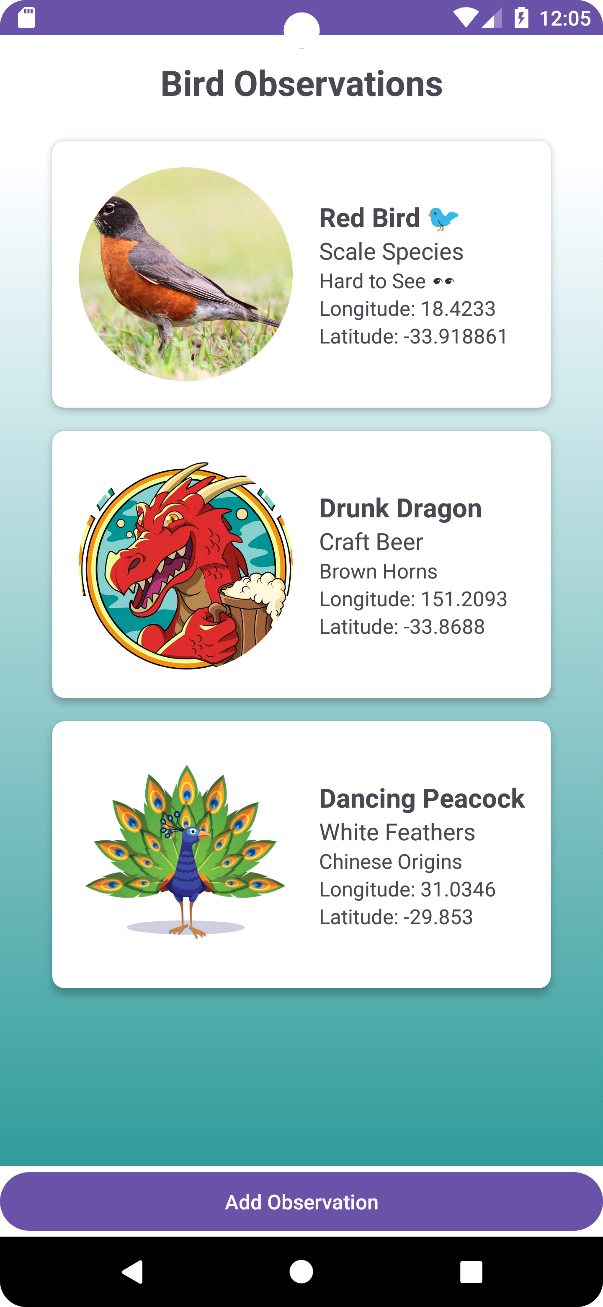
 

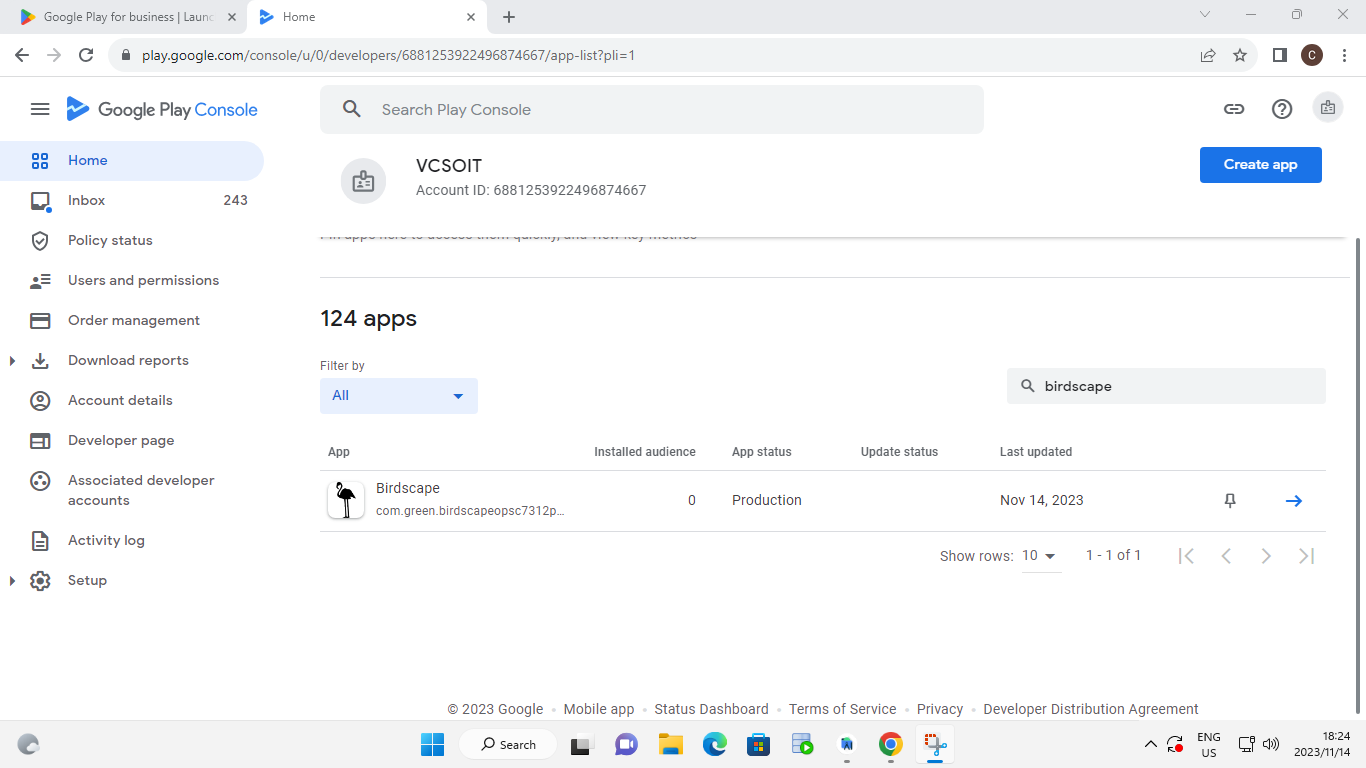
Error features:

- The team faced struggles trying to implement user navigation as we have attempted to extensively include it as we have added the code functionality to the project.

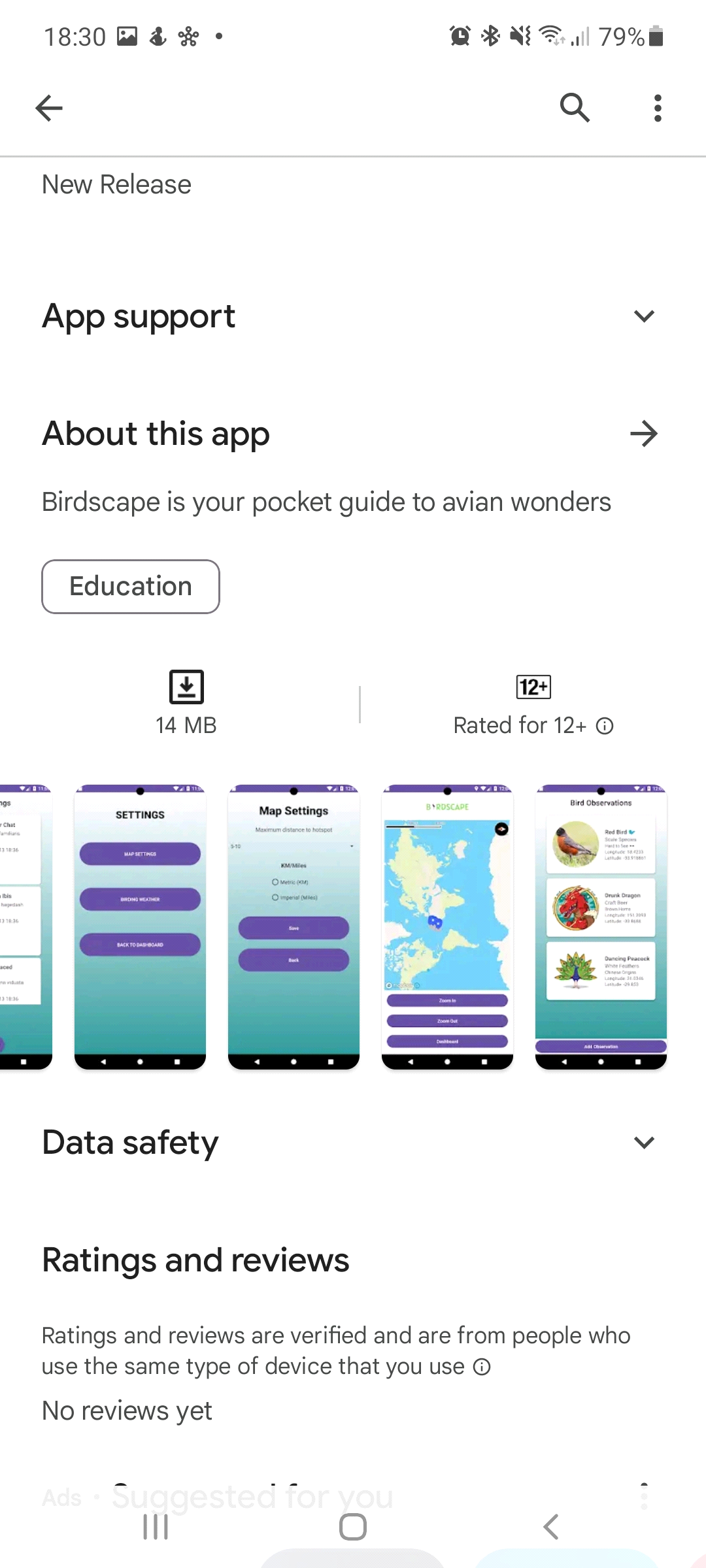
- We also provided the action of adding a bird hotspot to the map display, it works correctly in adding it, however it does not operate cohesively as we intended.

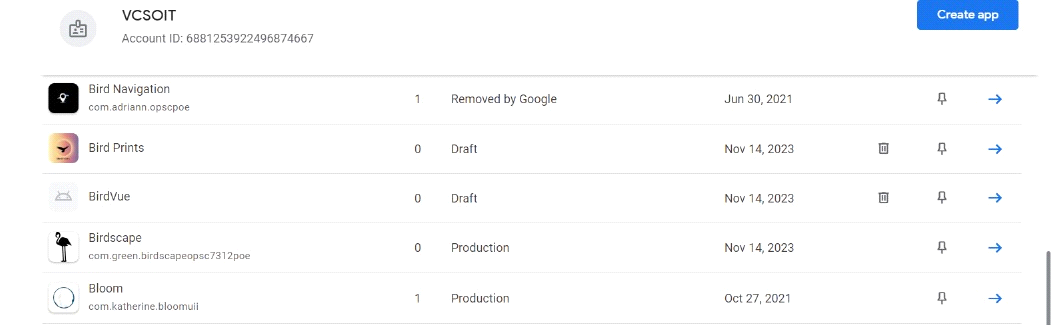
- The team initially had issues for the settings page, however the functionality works as intended.

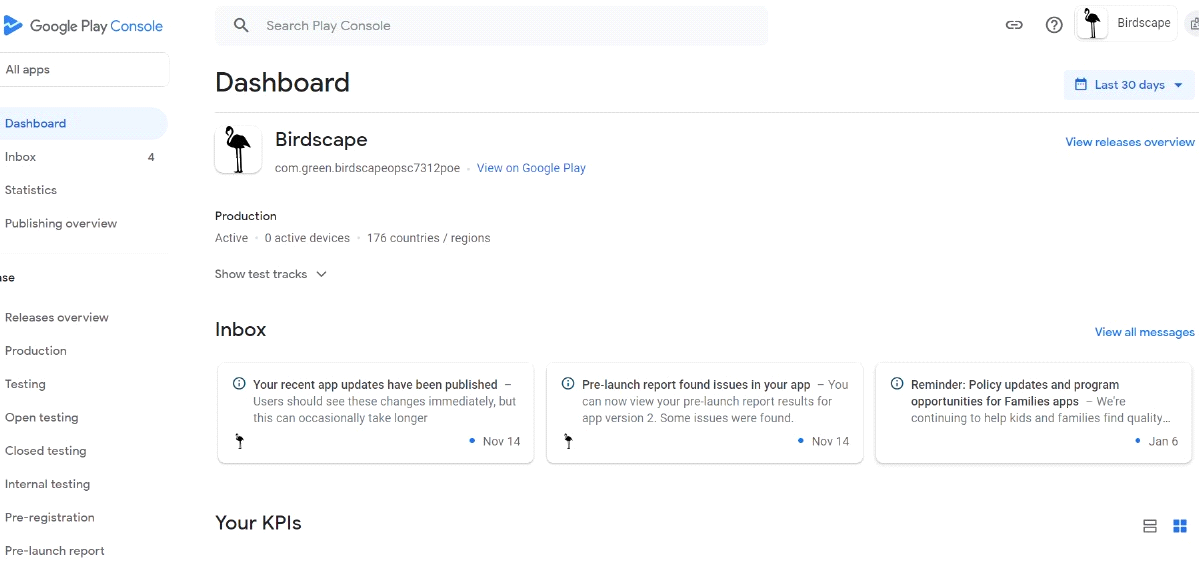
Publishing Birdscape App to the Google Play Store:











Google Play Dashboard link to Birdscape App: <https://play.google.com/console/u/0/developers/6881253922496874667/app/4975887420357426628/app-dashboard?timespan=thirtyDays>

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