

St10084521

OPSC7312

POE NOVEMBER

Avian Bird Watching

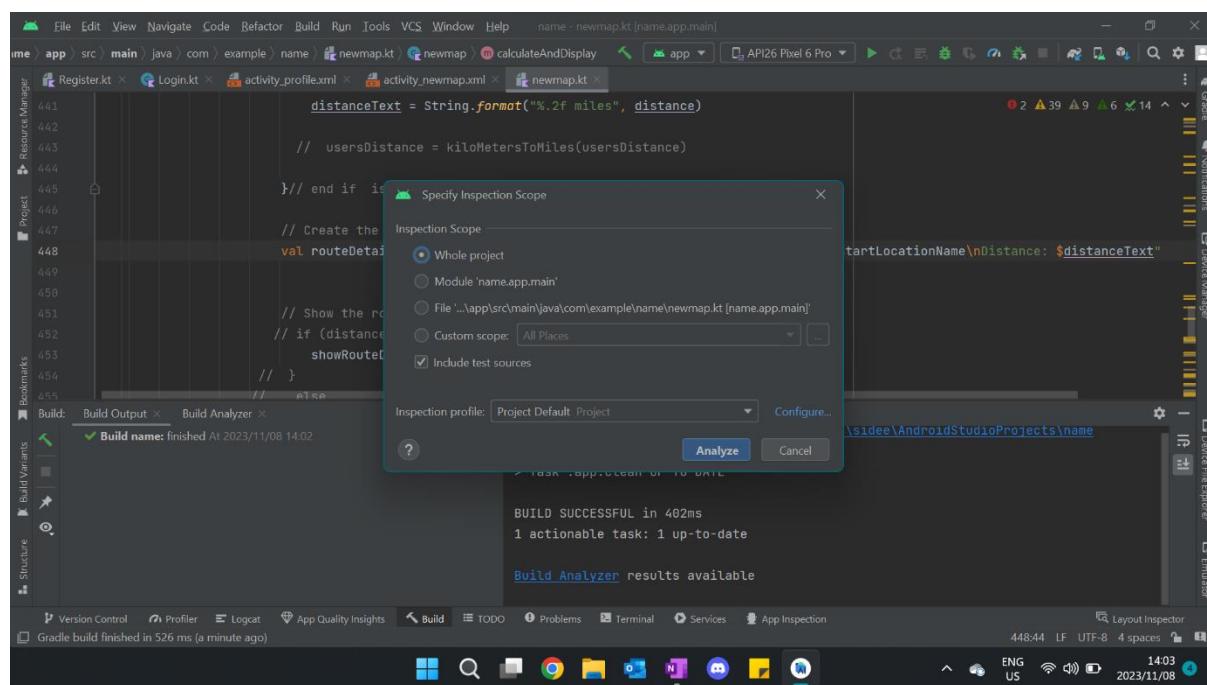
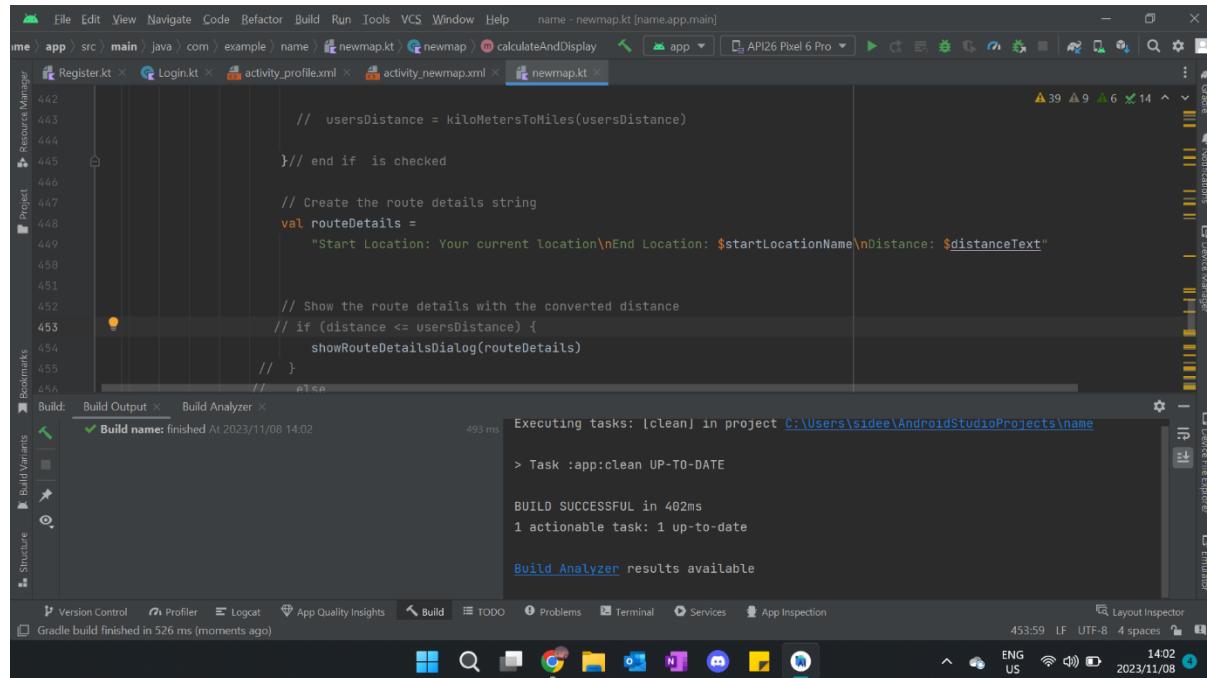
Release notes

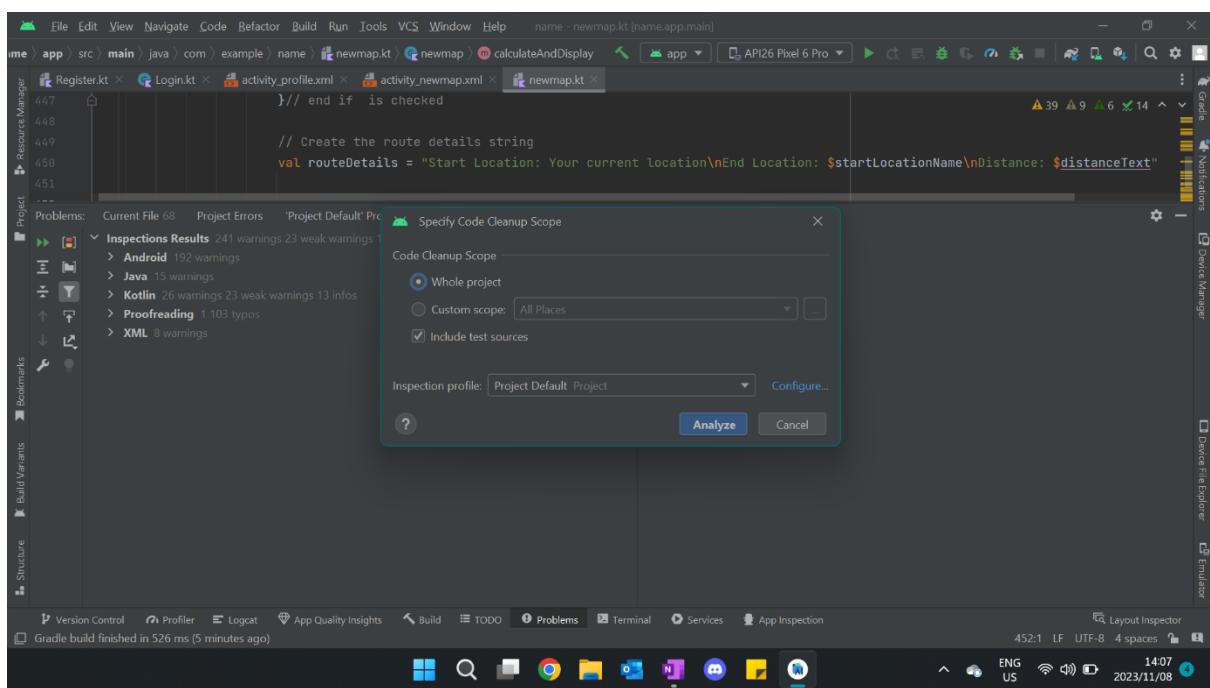
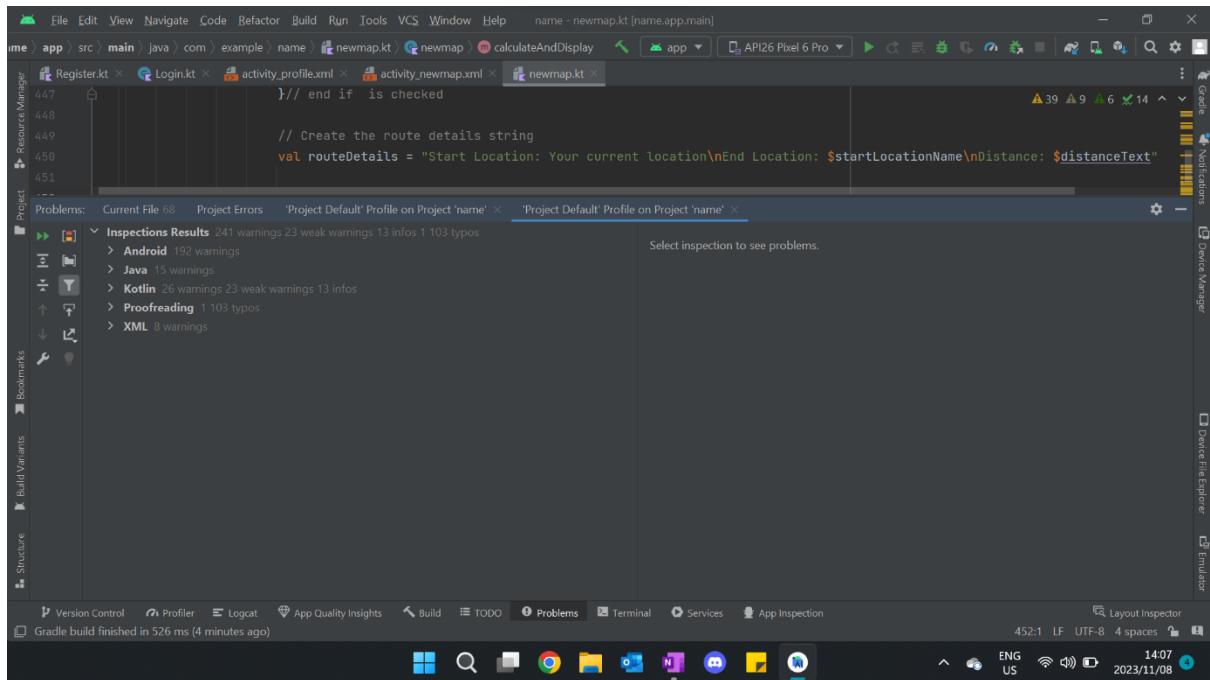
Contents

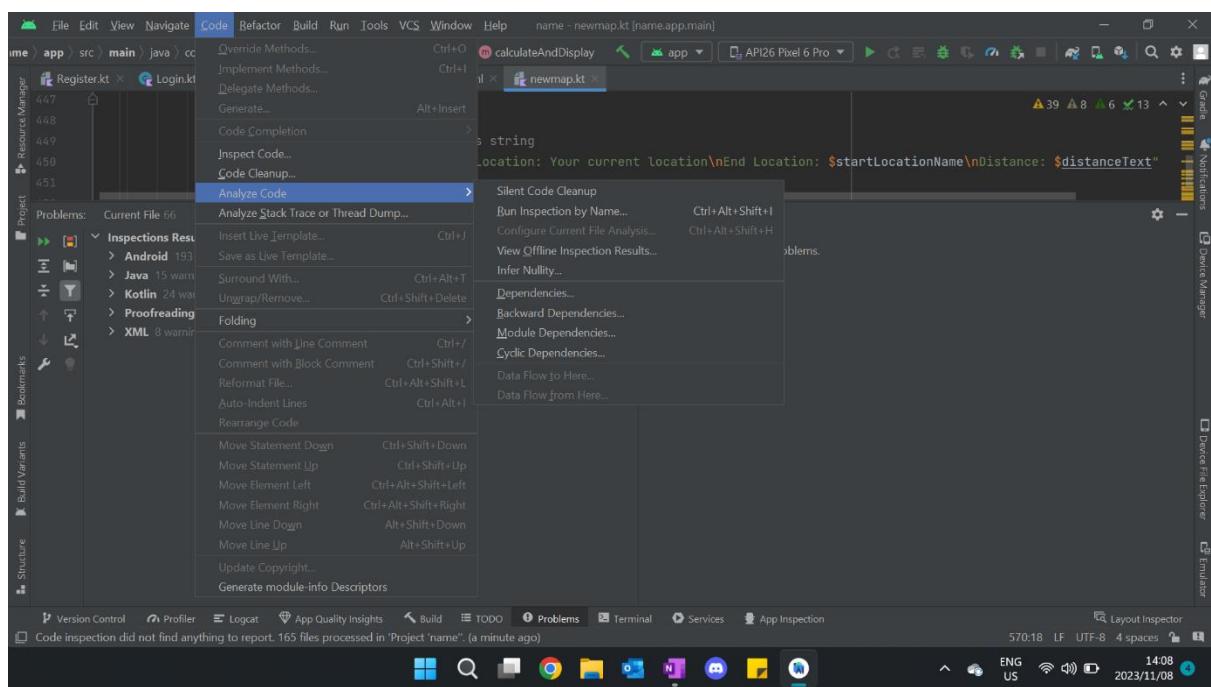
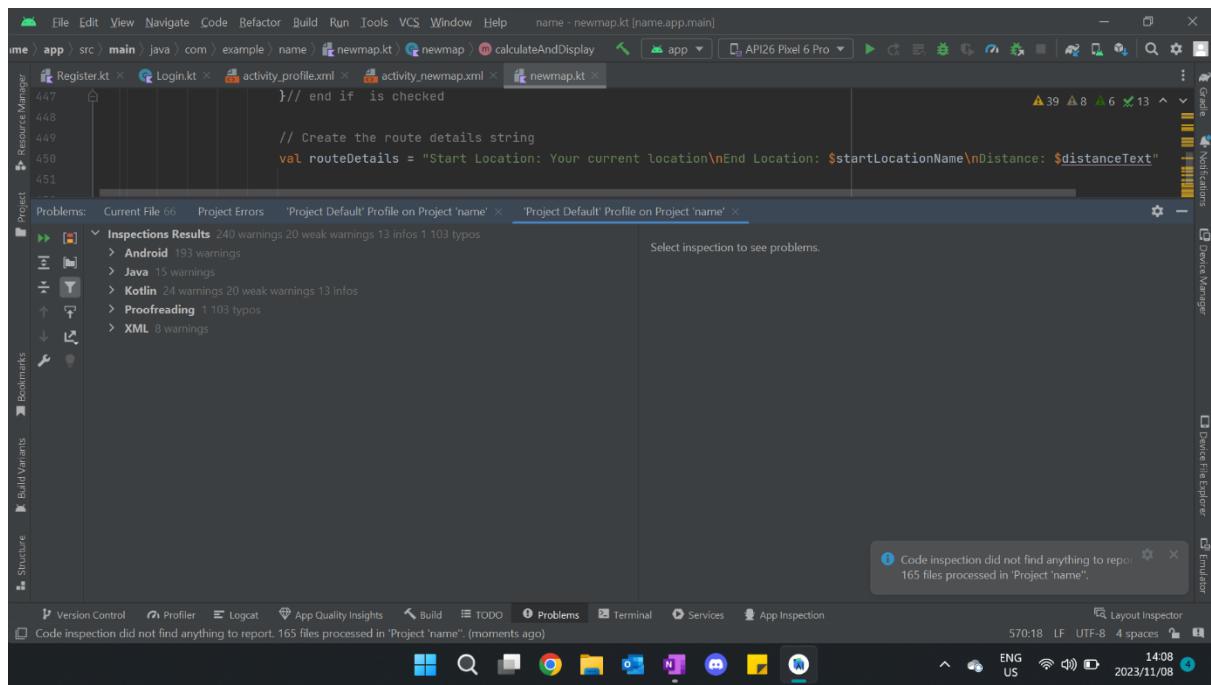
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Release notes

Android studio







Screenshot of the Android Studio interface showing the code editor and inspection results. The code editor displays a Kotlin file named `newmap.kt` with the following snippet:

```
// end if is checked
// Create the route details string
val routeDetails = "Start Location: Your current location\nEnd Location: $startLocationName\nDistance: $distanceText"
```

The inspection results show 240 warnings, 20 weak warnings, 13 infos, and 103 typos across various categories like Android, Java, Kotlin, Proofreading, and XML.

Screenshot of the Android Studio interface showing the code editor and build results. The code editor displays a Kotlin file named `newmap.kt` with the following snippet:

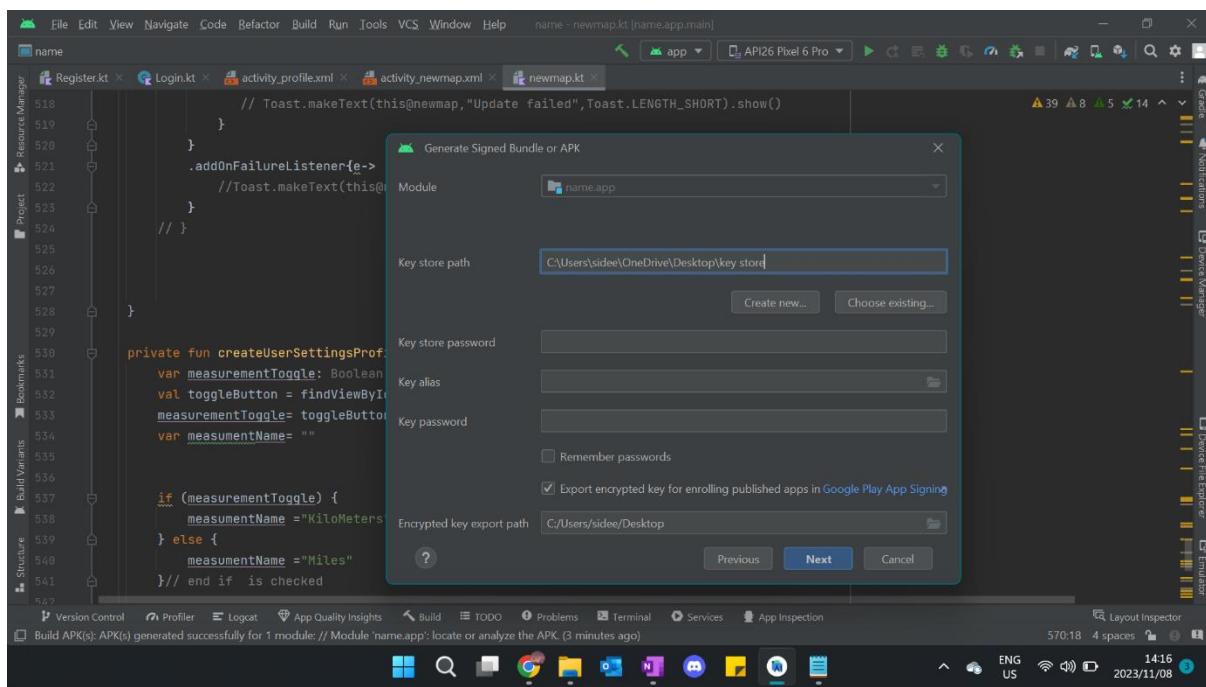
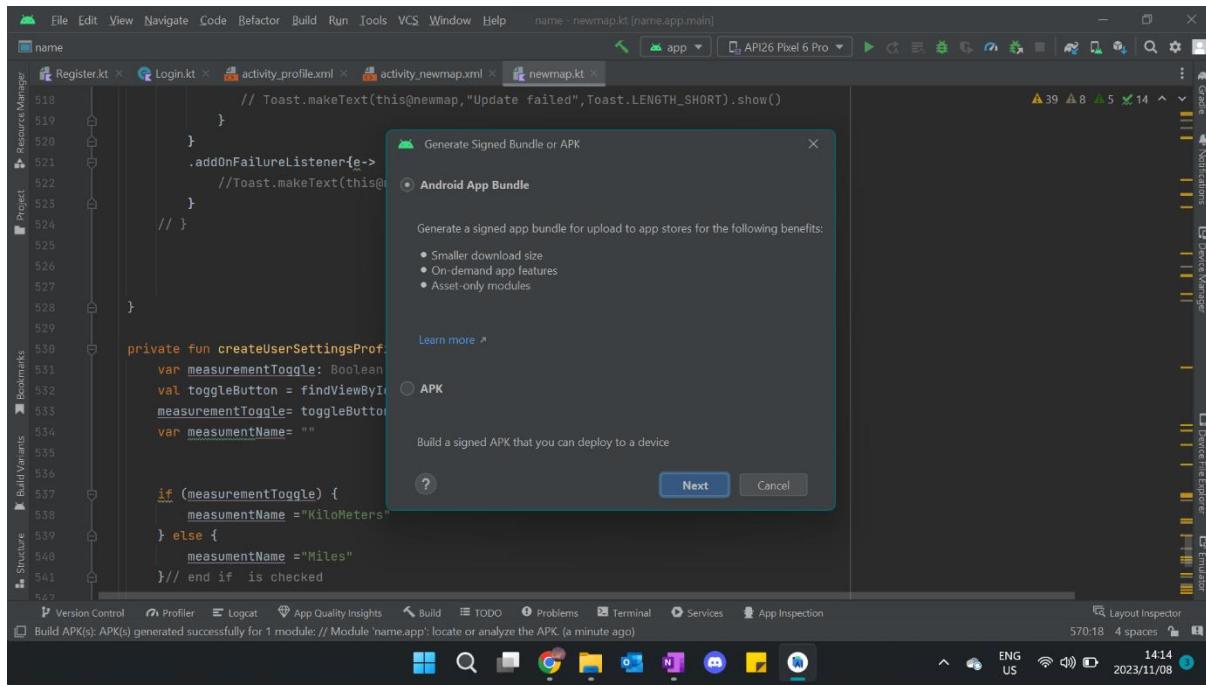
```
firebaseDatabase.getInstance().getReference(uidpoints).child(pathString: "MySettings")
    .setValue(diaryDataClass).addOnCompleteListener { task ->
        if (task.isSuccessful) {
            ...
        }.addOnFailureListener { e ->
            ...
        } // end firebase else
    } // end class

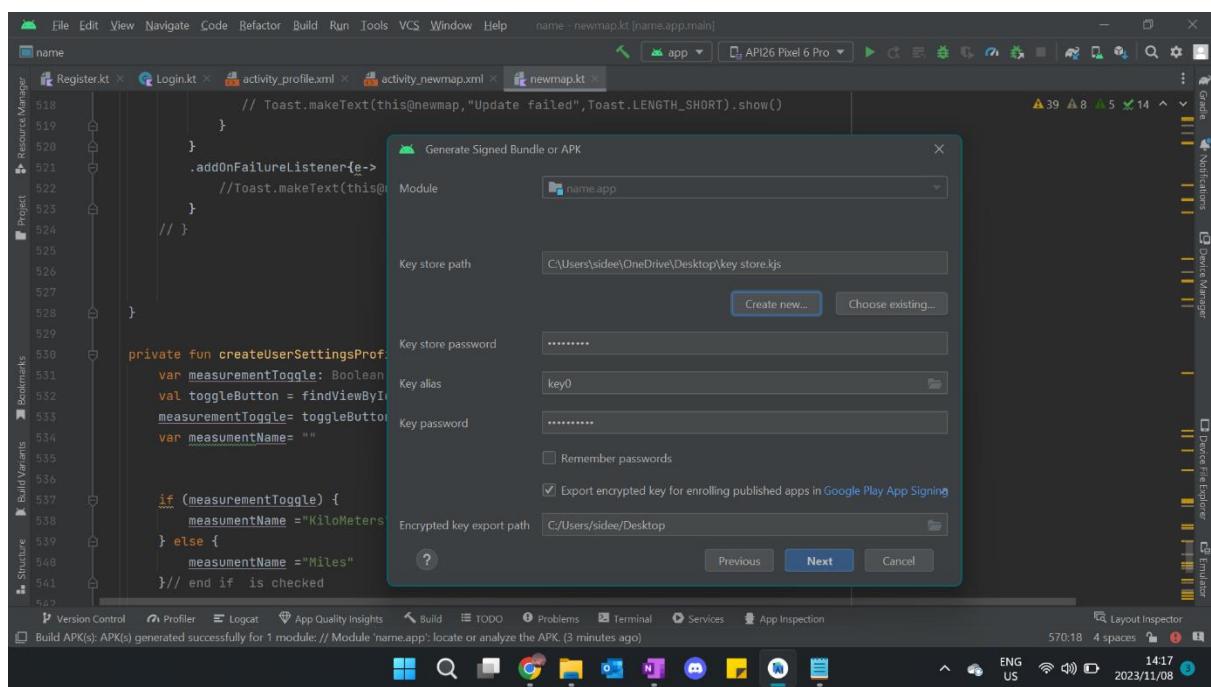
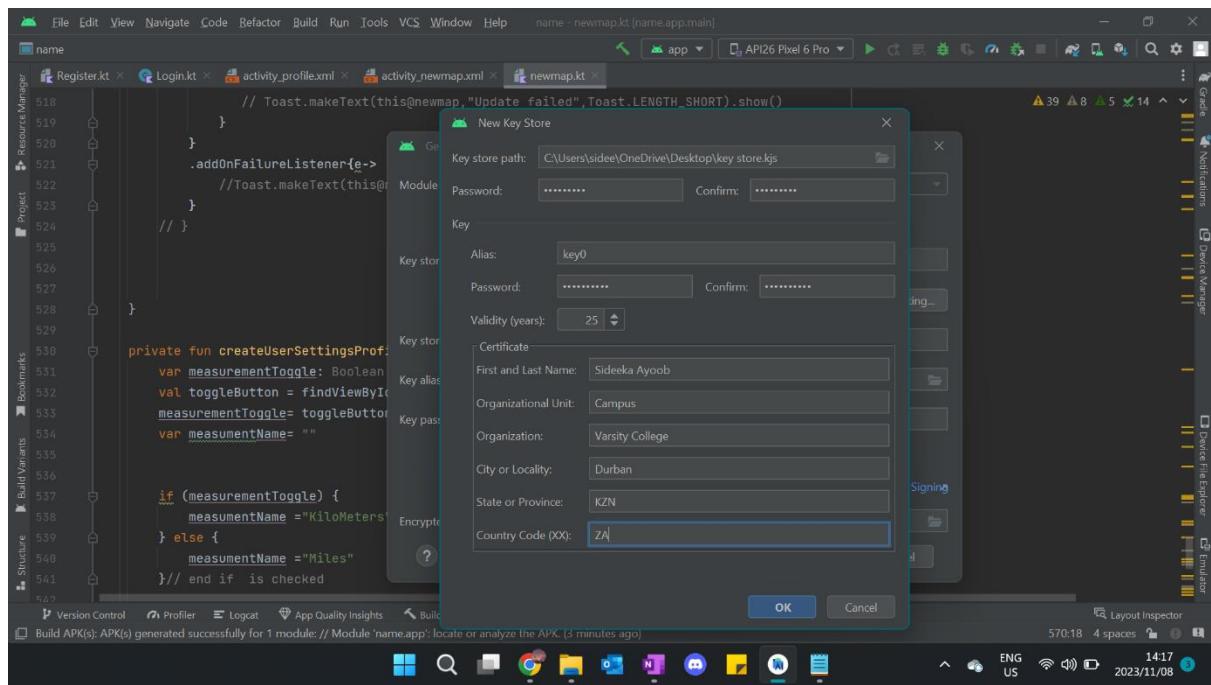
class settingDataClass {

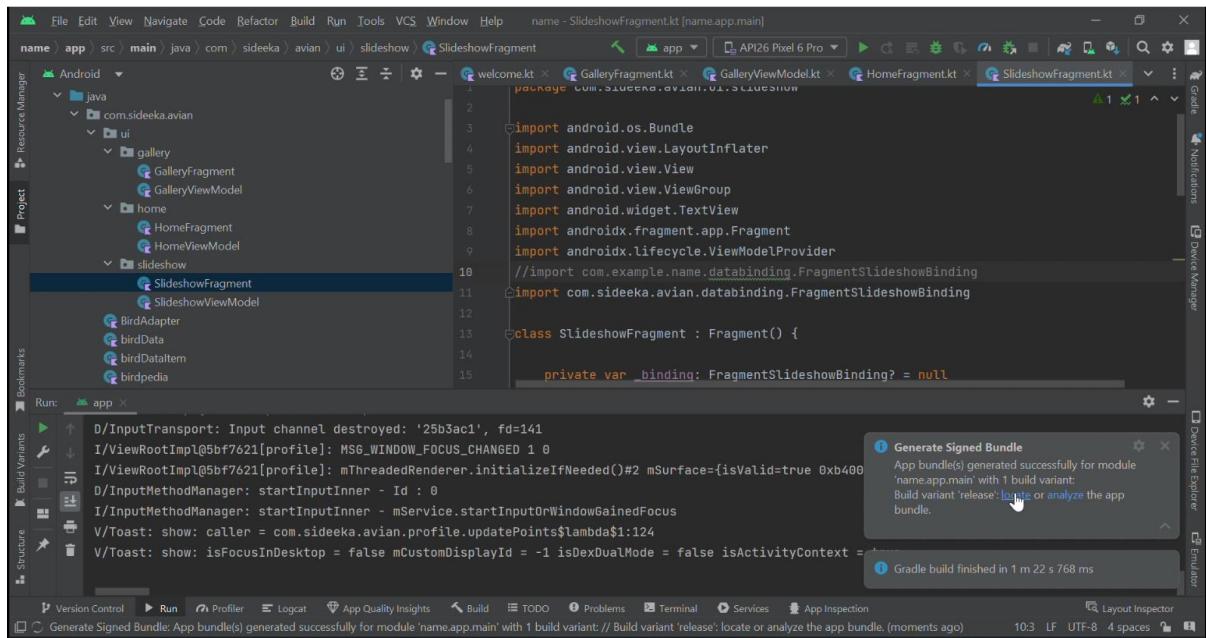
    var measurement:String?= null
    var settingname:String? = null

    constructor(measurement:String?, settingName:String?) {
        this.measurement=measurement
    }
    constructor()
} // end class
```

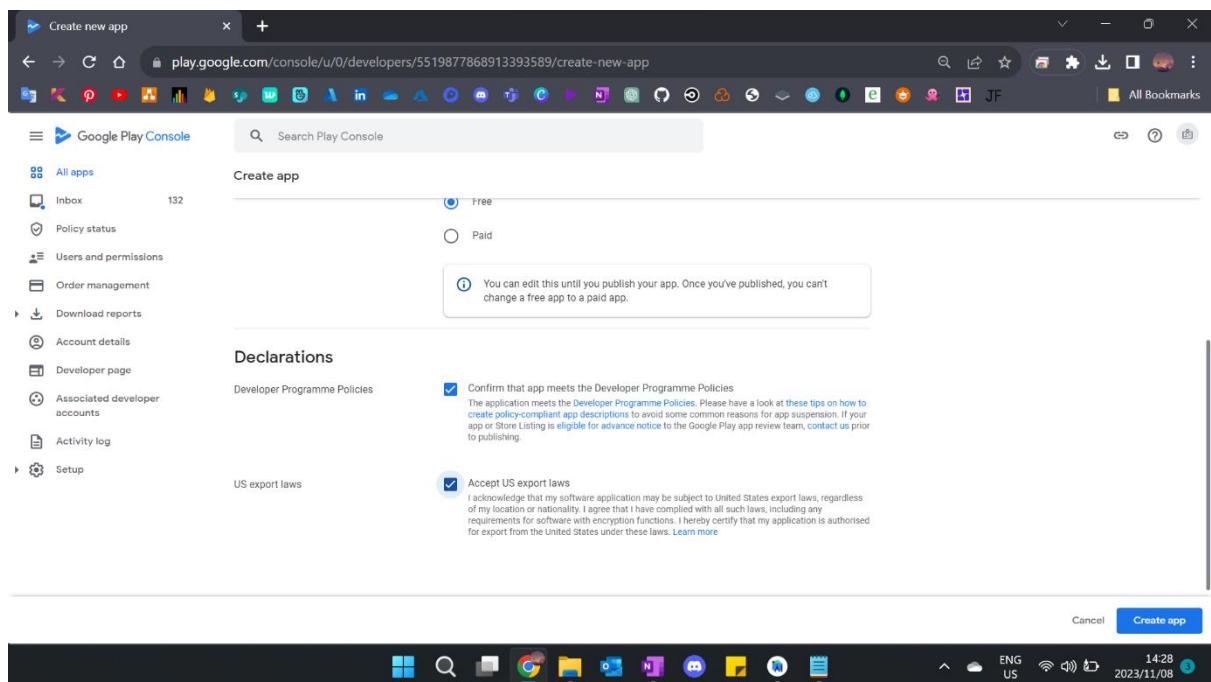
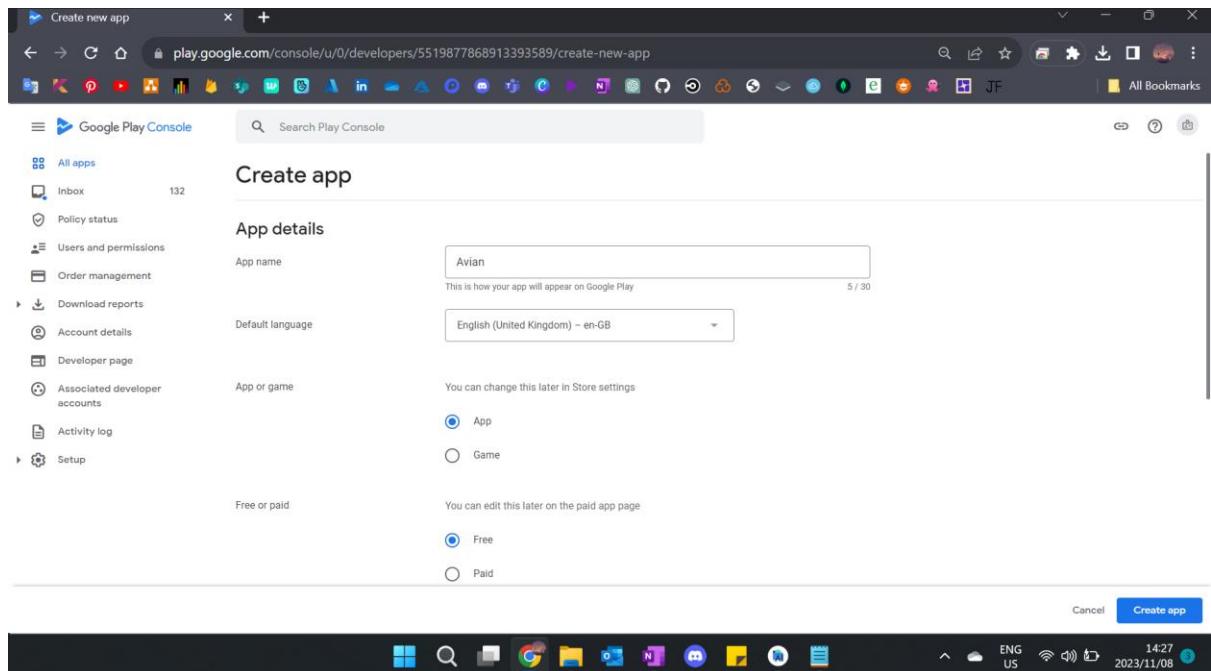
The build results indicate that APK(s) were generated successfully for 1 module: `Module 'name.app'`. The build took 1 m 15 s 984 ms.

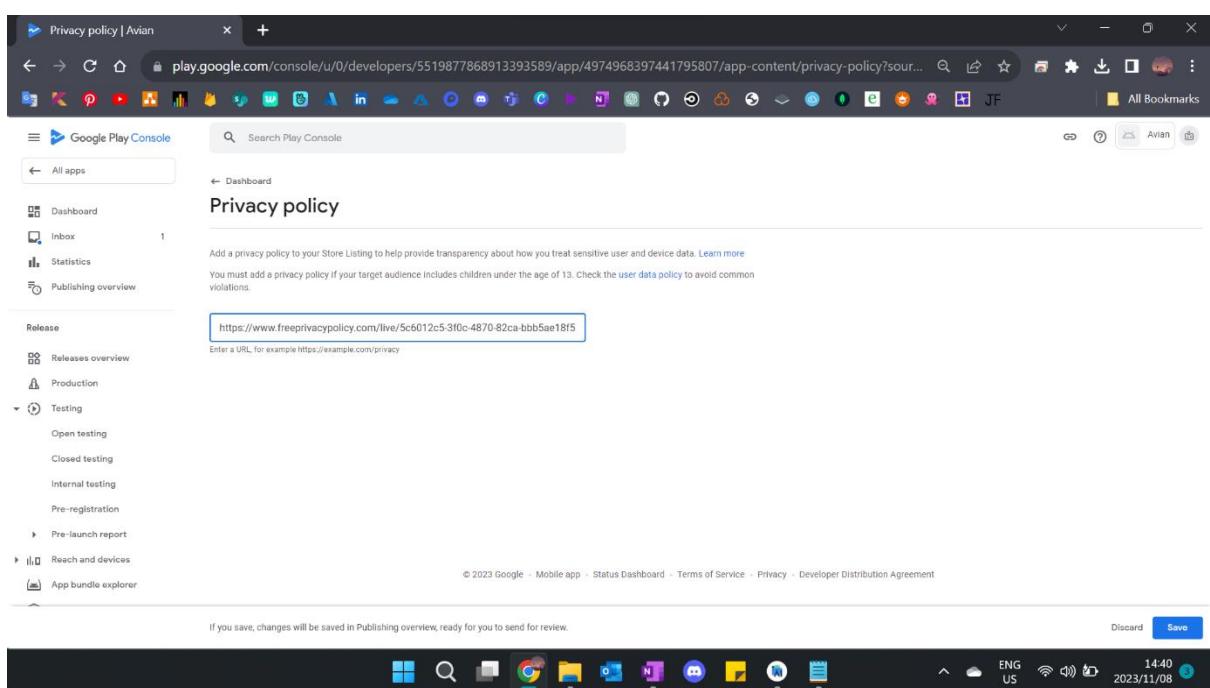
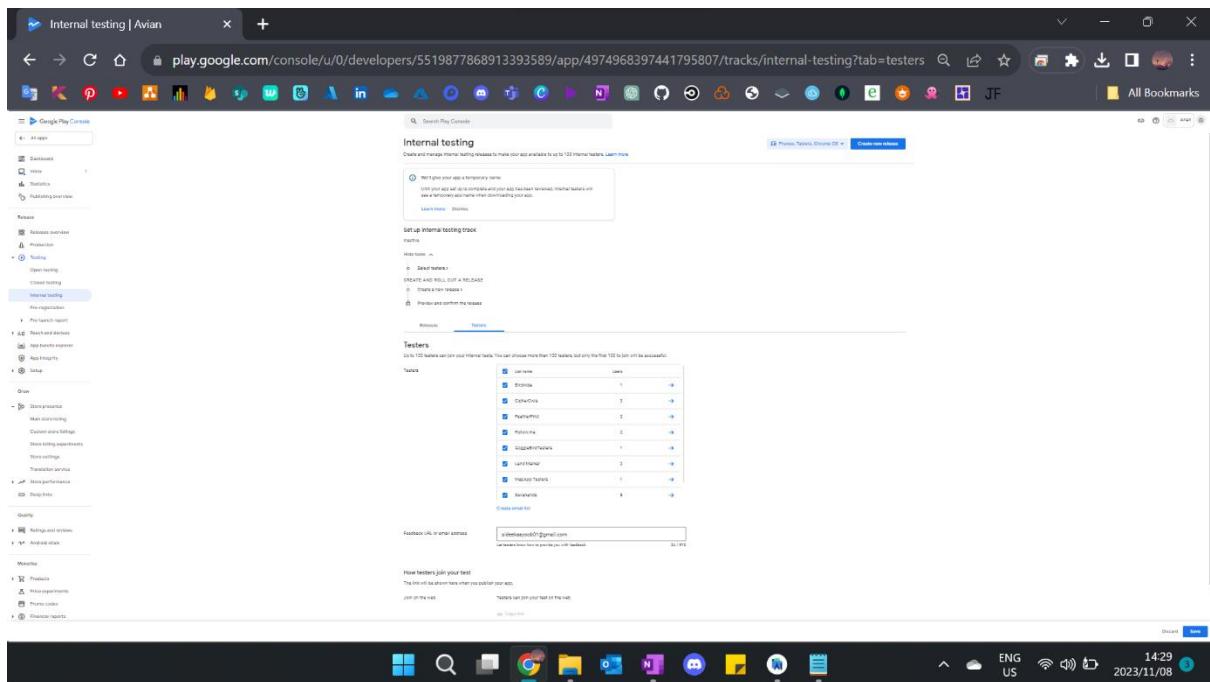






Google Play Console





Avian Instructions

Add instructions to help Google Play access the restricted parts of your app. You must make sure that this information is kept up to date. We will use the information you provide to review your app every time you submit an update. Information must be provided in English. Please don't contact our policy support team to provide this information, as this can delay the review process.

Instruction name * Enter a name for these instructions so that we can recognise what they're for. For example, 'Instructions for accessing my app in the US'.

Avian Instructions 18 / 60

Username and password If your app requires a username, email address or phone number, provide one that we can use to access your app.

Username, email address or phone number: sideeka@gmail.com 17 / 100

If your app requires a password, provide one that we can use.

Password: sideeka17 9 / 100

Info If more than a username and password are required to access your app, provide this information below in the Any other information required for access field.

Discard changes **Add** **Save**

Avian Instructions

Any other information required to access your app Provide any other information required to access your app. If your app only requires a username and password, provide these using the fields above. Examples of restricted access other than a username and password include, but aren't limited to:

- 2-step verification
- QR codes
- location-based access
- memberships
- biometric logins, for example, fingerprints or face recognition

Information that you provide here could include, for example:

- Instructions on how to access demo accounts, or a 'guest mode'
- Instructions on how to bypass biometric logins or 2-Step Verification
- Static URLs to access QR codes or barcodes that are required to access your app

If we can't review your app, you may be prevented from releasing updates, or your app may be removed from Google Play. Reviewers are unable to create accounts, use their own existing accounts or use free trials to access your app. They are also unable to contact you for more information.

No other information is required to access my app

Info Your changes couldn't be saved

Additional guidance

If your login credentials are not numeric or alphanumeric, for example a QR code or barcode, provide a static URL to access these.

If your app typically requires 2-Step Verification, or a one-time password, provide reusable login credentials that don't expire.

If your app normally uses a location-dependent password (for example, a geo-gate), provide valid login credentials, regardless of user location.

If your login credentials are typically in a non-English language, provide an English-language version of all necessary login credentials

Discard changes **Add** **Save**

Google Play Console **App access**

To review your app, Google Play must be able to access all parts of it. If access to parts of your app is restricted, for example, because they require login credentials, you must provide instructions on how we can gain access.

Examples of restricted access include, but aren't limited to:

- username and passwords
- 2 step verification
- location-based access
- memberships or subscriptions
- any actions required to be carried out on another device

If we can't review your entire app, you may be prevented from releasing updates, or your app may be removed from Google Play.

Reviewers are unable to:

- create accounts or use their own existing accounts to access your app
- use free trials to access your app
- contact you for more information

Read guidance **Take Play Academy course**

All functionality in my app is available without any access restrictions

All or some functionality in my app is restricted

Avian Instructions

Instructions provided: Username/phone number, password

Manage **Delete**

Add instructions to help Google Play access the restricted parts of your app. You can add up to five instructions.

+ Add instructions

Allow Android to use the credentials you provide for performance and app compatibility testing
Tests are used to improve app compatibility with different Android devices and versions

If you save, changes will be saved in Publishing overview, ready for you to send for review.

Discard **Save**

Google Play Console

Search Play Console

Dashboard Ads

Let us know whether your app contains ads. This includes ads delivered by third-party ad networks. Make sure that this information is accurate and is kept up to date. Learn more

Ads Does your app contain ads? Check the Ads policy to make sure that your app is compliant.

Yes, my app contains ads The 'Contains ads' label will be shown next to your app on Google Play. Learn more

No, my app does not contain ads

Change saved. Send for review in Publishing overview.

Discard Save

Google Play Console

Search Play Console

Dashboard Content ratings

Category Questionnaire Summary

Category

Email address sideekaayoob01@gmail.com

This will be used to contact you about your content ratings. It may be shared with rating authorities and IARC.

Game The app is a game or betting app. Examples include: Candy Crush Saga, Temple Run, Mario Kart, The Sims, Angry Birds, casino games or daily fantasy sports.

Social or communication The primary purpose of this app is to meet or communicate with people. Examples include Facebook, Twitter, Skype and SMS.

All other app types Any app that isn't a game, social networking app or communication app. Examples include entertainment products, consumer stores, news apps, lifestyle apps, streaming services, utilities, tools, emoji sets, fitness apps, magazines and customizations.

Next

Google Play Console

Search Play Console

Dashboard Content ratings

Category Questionnaire Summary

All other app types

Downloaded app Completed

Does the app contain any ratings-relevant content (e.g. sex, violence, language) downloaded as part of the app package (code, assets)? Learn more

Yes No

User content sharing Completed

Does the app natively allow users to interact or exchange content with other users through voice communication, text or sharing images or audio? Learn more

Yes No

Online content

Does the app feature or promote content that isn't part of the initial app download, but can be accessed from the app? Examples of this type of content are movies in the Netflix app, product listings in the Amazon Shopping app, songs in

Back Save Next

Google Play Console

Search Play Console

Content ratings

Online content Completed

Does the app feature or promote content that isn't part of the initial app download, but can be accessed from the app? Examples of this type of content are movies in the Netflix app, product listings in the Amazon Shopping app, songs in the Spotify app, or news articles in the New York Times app. [Learn more](#)

Yes No

Promotion or sale of age-restricted products or activities Completed

Does the app focus on promoting or selling items or activities that are typically age-restricted, such as cigarettes, alcohol, firearms or gambling?

Yes No

Does the product focus on promoting alcohol or tobacco?

Yes No

Does the product focus on any other age-restricted activities or items?

Yes No

Back Save Next

Google Play Console

Search Play Console

Content ratings

Miscellaneous Completed

Does the app share the user's current and precise physical location with other users? [Learn more](#)

Yes No

Does the app allow users to purchase digital goods? [Learn more](#)

Yes No

Is the app a web browser or search engine? [Learn more](#)

Yes No

Is the app primarily a news or educational product? [Learn more](#)

Yes No

Questionnaire saved

Your changes have been saved

Back Save Next

Google Play Console

Search Play Console

Content ratings

Category Questionnaire Summary

Summary

Ratings shown below may differ from the ratings shown to users on Google Play:

- Google may reject your app or app update for misrepresentation of your app's content
- Google may use your questionnaire responses to generate ratings for specific territories as required by local law
- Rating authorities participating in IARC may change your app's rating after they review it

Google and IARC will share your contact information, questionnaire responses, ratings, developer support requests and app details with rating authorities. [Learn more](#)

Category	All other app types
Promotion or sale of age-restricted products or activities	Promotion or sale of age-restricted goods is a focus of the app
Miscellaneous	Geo-location of device shared App is primarily a news or educational product

Your ratings

Brazil

Rating authority: Classificação Indicativa (ClassInd)

Rating	Age Rating
Rating	L All ages
Content descriptors	-
Interactive elements	Shares location

If you save, changes will be saved in Publishing overview, ready for you to send for review.

Back Save

Google Play Console

Search Play Console

Content ratings

North America
Rating authority: Entertainment Software Rating Board (ESRB)

Rating: Teen
Content descriptors: -
Interactive elements: Shares location

Europe
Rating authority: Pan-European Game Information (PEGI)

Rating: PEGI 18
Content descriptors: -
Interactive elements: Shares location

Germany
Rating authority: Unterhaltungssoftware Selbstkontrolle (U.S.K.)

Rating: USK Ages 12+
Content descriptors: -
Interactive elements: Shares location

Rest of world
Rating authority: IARC Generic

If you save, changes will be saved in Publishing overview, ready for you to send for review.

Back Save

Google Play Console

Search Play Console

Content ratings

Rest of world
Rating authority: IARC Generic

Rating: Rated for 18+
Content descriptors: -
Interactive elements: Shares location

Russia
Rating authority: Google Play

Rating: Rated for 18+
Content descriptors: -
Interactive elements: Shares location

South Korea
Rating authority: Google Play

⚠ Games that aren't suitable for users under 18 may be removed from Google Play in South Korea, unless they're rated by GRAC. [Learn more](#)

Rating: Rated for 18+
Content descriptors: -
Interactive elements: Shares location

If you save, changes will be saved in Publishing overview, ready for you to send for review.

Back Save

Google Play Console

Search Play Console

Content ratings

Receive content ratings for your app from official rating authorities. [Show more](#)

Submit a new questionnaire if you've made changes to your app that would affect previous responses.

Your current ratings

IARC status	Completed View details
Email address	sideekayoo01@gmail.com Edit
IARC certificate ID	-
Submitted	8 November 2023, 18:56
Your ratings	L 18+ 18 16+ 14+ 12+ 8+

Previous questionnaires

Submitted	IARC Certificate ID	Email address
8 November 2023, 18:56	-	sideekayoo01@gmail.com

Hide ^

IARC settings on Google Play are provided by the International Age Rating Coalition (IARC). By completing this questionnaire you agree to IARC's Terms of Service.

Start new questionnaire

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Google Play Console

Search Play Console

Target audience and content

1 Target age — 2 App details — 3 Ads — 4 Store presence — 5 Summary

Target age

Target age group

What are the target age groups of your app?

Based on your response, we'll highlight any actions that you may need to take, and the policies you may need to comply with.

Make sure that you review the [Developer Policy Centre](#) before publishing your app. Apps that don't comply with these policies may be removed from Google Play. [Learn more](#)

You can't select age groups below 13 because your app's ESRB rating is 'Teen' or higher.

Aged 5 and under

6-8

9-12

13-15

16-17

18 and over

Back Next

Google Play Console

Search Play Console

Target audience and content

18 and over

Discard changes

Policy requirements summary

Depending on the countries where your app is available, some or all of the users in your target audience may be considered children. You must comply with the [Families policy](#) whenever your app is being used by a child.

This includes:

- Making sure that any content in your app that could be seen by children is appropriate for them
- Only displaying ads that are appropriate for children, whenever your app is being used by a child
- Only displaying ads that are from [Google Play certified ad networks](#), or ads served by you, whenever your app is being used by a child. This includes ads for your own apps, or from partnerships with other brands
- Making sure that your app (including all APIs, SDKs and ads) complies with all applicable laws and regulations relating to children, such as the US Children's Online Privacy Protection Act [COPPA](#), and the EU General Data Protection Regulation [GDPR](#)

You can either make your entire app compliant, or implement a neutral age screen and comply with the policy when the user is a child.

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Back Next

Google Play Console

Search Play Console

Target audience and content

1 Target age — 2 App details — 3 Ads — 4 Store presence — 5 Summary

Discard changes

Store presence

Your app is not eligible for Expert Approved programme

[Learn more](#)

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Back Next

Google Play Console

Search Play Console

Dashboard

Target audience and content

Target age: 13-15, 16-17, 18 and over

Changes that you make here may cause your Data safety form to become out of date. If you make changes, check your Data safety form to make sure that it accurately represents how your app collects and shares data.

Here's what you've told us

Release

Testing

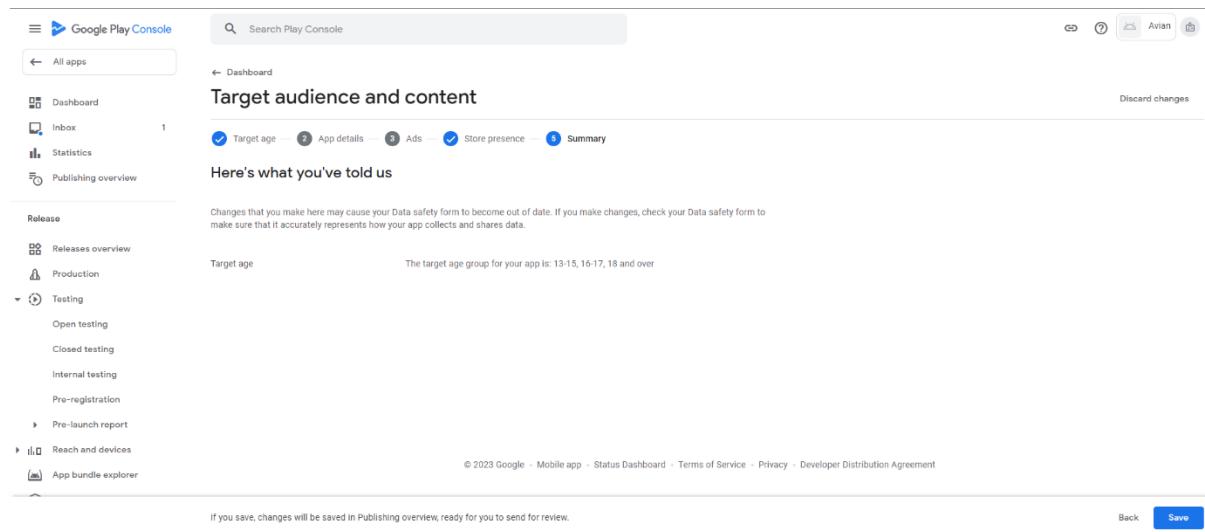
Reach and devices

Publishing overview

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If you save, changes will be saved in Publishing overview, ready for you to send for review.

Back Save



Google Play Console

Search Play Console

Dashboard

News apps

Let us know whether your app is a news app. This helps us make sure that you comply with the Google Play News policy. [Learn more](#)

Is your app a news app?

No (radio button selected)

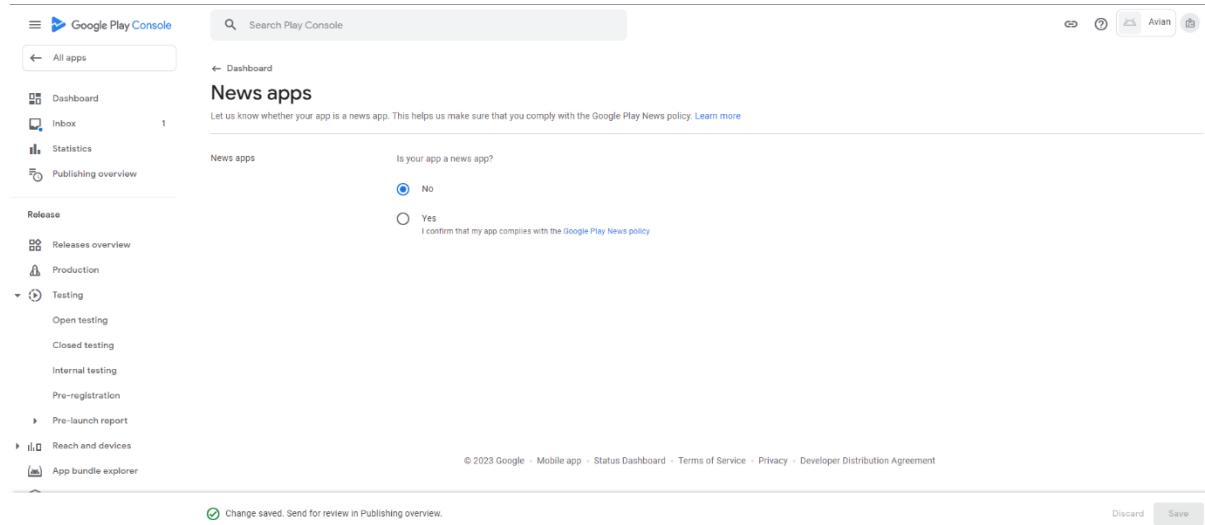
Yes (radio button)

I confirm that my app complies with the [Google Play News policy](#)

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Change saved. Send for review in Publishing overview.

Discard Save



Google Play Console

Search Play Console

Dashboard

COVID-19 contact tracing and status apps

To help us understand whether your app is a COVID-19 contact tracing or status app, select all of the statements below that apply to your app.

My app is a publicly available COVID-19 contact tracing app
For example, an app that tracks or monitors infected or exposed individuals for the purpose of COVID-19 response or mitigation

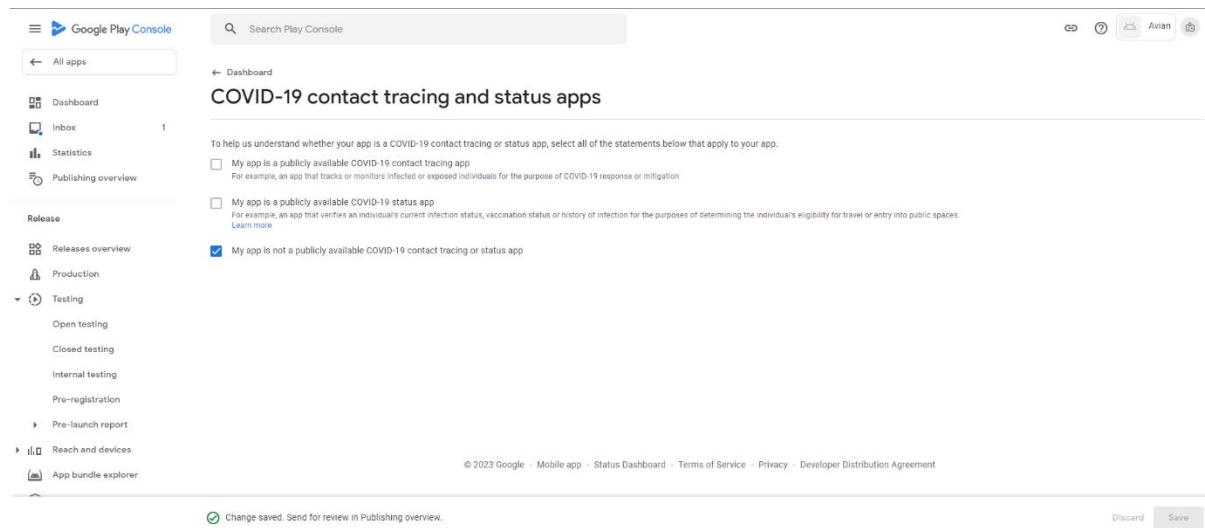
My app is a publicly available COVID-19 status app
For example, an app that verifies an individual's current infection status, vaccination status or history of infection for the purposes of determining the individual's eligibility for travel or entry into public spaces.

My app is not a publicly available COVID-19 contact tracing or status app

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Change saved. Send for review in Publishing overview.

Discard Save



Data safety

Help users understand how your app collects and shares their data. [Show more](#)

Overview **Data collection and security** **Data types** **Data usage and handling** **Preview**

Thank you for helping to keep Google Play a safe and trusted space for users.

In this questionnaire, you'll be asked to provide information about the user data collected or shared by your app. The information that you provide will be shown on your Store Listing to help users better understand your app's privacy, security and data handling practices before they download it.

Before you start, read the following information about the questions that you'll be asked, and the information that you'll need to provide. The information that you provide will be reviewed by Google as part of the app review process.

Definitions

On the next screen, you'll be asked whether your app collects or shares any of the required user data types. [View required data types](#)

'Collected' means data that is transmitted off the user's device, either to you or a third party. Some types of data collection are exempt. [View exemptions](#)

Processing data 'ephemerally' means accessing and using data while it is only stored in memory, and is retained for no longer than necessary to service the specific request in real time. Data collected in this way must still be disclosed, but will not be shown to users on your Store Listing. [Learn more](#)

'Shared' means data that is transferred to a third party, either on or off the user's device. Some types of data transfers are exempt. [View exemptions](#)

What you need to disclose

Discard changes Save draft Back Next

information that you provide will be reviewed by Google as part of the app review process.

Definitions

On the next screen, you'll be asked whether your app collects or shares any of the required user data types. [View required data types](#)

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'Shared' means data that is transferred to a third party, either on or off the user's device. Some types of data transfers are exempt. [View exemptions](#)

What you need to disclose

You must disclose:

- Any of the required user data types that are collected and/or shared. [Learn more](#)
- Any user data sent off the user's device by libraries or SDKs used in your app, regardless of whether this information is transmitted to you (the developer) or a third party. [Learn more](#)
- Any user data transferred from your server to a third party, or transferred to another third-party app on the same device. [Learn more](#)
- Any user data collected or transferred through a WebView which can be opened from your app – unless users are navigating the open web. [Learn more](#)

To start, select Next.

Discard changes Save draft Back Next

Data collection and security

Review the list of required user data types that you need to disclose. [View required data types](#)

Does your app collect or share any of the required user data types?

Yes

Is all of the user data collected by your app encrypted in transit? [Learn about how you should answer](#)

Yes

No

Answer new questions about account deletion by 7 December 2023

To give users more transparency and control over their data, we've added some new questions about account deletion. You must submit answers to the additional questions by 7 December 2023. Before this date, if your app update is rejected due to your answers to these questions, you can remove your answers and submit another update.

[Learn more](#) [Dismiss](#)

Which of the following methods of account creation does your app support? Select all that apply (Optional)

Discard changes Save draft Back Next

Google Play Console

Search Play Console

Data safety

Which of the following methods of account creation does your app support? Select all that apply (Optional)

This includes accounts created entirely within your app, or by redirecting users to a web page where they can create an account.

Unames include user IDs, email addresses and phone numbers. Authentication includes two-factor, one-time password, biometric or single sign-on authentication.

Username and password

Username and other authentication

Username, password and other authentication

OAuth

Other

My app does not allow users to create an account

Remove answers

Add a link that users can use to request that their account and associated data be deleted

Delete account URL:

This link will be shown on your Google Play Store listing, and should:

- refer to your app or developer name that is shown on your store listing

Discard changes Save draft Back Next

Google Play Console

Search Play Console

Data safety

Add a link that users can use to request that their account and associated data be deleted

Delete account URL:

This link will be shown on your Google Play Store listing, and should:

- refer to your app or developer name that is shown on your store listing
- prominently feature the steps that users should take to request that their account be deleted
- specify the types of data that are deleted or kept, and any additional retention period

Do you provide a way for users to request that some or all of their data be deleted, without requiring them to delete their account? (Optional)

Providing this functionality gives users more control over their data. [Learn more](#)

Yes

No

No, but user data is automatically deleted within 90 days

Remove answers

No

Discard changes Save draft Back Next

Google Play Console

Search Play Console

Data safety

Data types

Select all of the user data types collected or shared by your app. [Learn more](#)

You must select:

- Any user data types that are collected and/or shared
- Any user data sent off the user's device by libraries or SDKs used in your app, regardless of whether this information is transmitted to you (the developer) or a third party
- Any user data transferred from your server to a third party or transferred to another third-party app on the same device
- Any user data collected or transferred through a WebView which can be opened from your app – unless users are navigating the open web

Some types of data collection and transfers are exempt. [View exemptions](#)

When you've selected all of the user data types collected or shared by your app, select Next.

Location Hide ^

Approximate location [?](#)

Precise location [?](#)

Personal info Show ^

0/9 data types selected

Discard changes Save draft Back Next

Google Play Console

Search Play Console

Location
1/2 data type selected

Personal info

Name (1)
Email address (1)
User ID (1)
Address (1)
Phone number (1)
Race and ethnicity (1)
Political or religious beliefs (1)
Sexual orientation (1)
Other info (1)

Release
1

Dashboard
Inbox
Statistics
Publishing overview

Testing
Open testing
Closed testing
Internal testing
Pre-registration
Pre-launch report

Reach and devices
App bundle explorer

Discard changes Save draft Back Next

Google Play Console

Search Play Console

Location
1/2 data type selected

Personal info
2/9 data types selected

Financial info

User payment info (1)
Purchase history (1)
Credit score (1)
Other financial info (1)

Health and fitness
0/2 data types selected

Release
1

Dashboard
Inbox
Statistics
Publishing overview

Testing
Open testing
Closed testing
Internal testing
Pre-registration
Pre-launch report

Reach and devices
App bundle explorer

Discard changes Save draft Back Next

Google Play Console

Search Play Console

Location
2/9 data types selected

Financial info
0/4 data types selected

Health and fitness

Health info (1)
Fitness info (1)

Messages
0/3 data types selected

Photos and videos
0/2 data types selected

Release
1

Dashboard
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Pre-launch report

Reach and devices
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Google Play Console

Search Play Console

All apps

Data safety

Financial info: 0/4 data types selected

Health and fitness: 0/2 data types selected

Messages: Show ▾
Emails
SMS or MMS (Selected)
Other in-app messages

Photos and videos: Show ▾
0/2 data types selected

Discard changes Save draft Back Next

This screenshot shows the 'Data safety' section of the Google Play Console. On the left, there's a sidebar with links like Dashboard, Inbox, Statistics, Publishing overview, Release, Releases overview, Production, Testing (with sub-options Open testing, Closed testing, Internal testing), Pre-registration, Pre-launch report, Reach and devices, and App bundle explorer. The main area has a search bar at the top. Under 'Data safety', there are sections for 'Financial info' (0/4 selected), 'Health and fitness' (0/2 selected), 'Messages' (with sub-options for Emails, SMS or MMS, and Other in-app messages, where 'SMS or MMS' is checked), and 'Photos and videos' (0/2 selected). At the bottom right are buttons for Discard changes, Save draft, Back, and Next.

Google Play Console

Search Play Console

All apps

Data safety

Health and fitness: 0/2 data types selected

Messages: Show ▾
1/3 data type selected

Photos and videos: Hide ▲
Photos
Videos

Audio files: Show ▾
0/3 data types selected

Files and docs: Show ▾
0/1 data types selected

Discard changes Save draft Back Next

This screenshot continues the 'Data safety' section. It shows the 'Messages' section with '1/3 data type selected'. Below it are sections for 'Photos and videos' (with 'Photos' and 'Videos' options) and 'Audio files' (0/3 selected). The 'Files and docs' section is also present. The 'Hide' button for 'Photos and videos' is visible. The bottom right includes standard save and navigation buttons.

Google Play Console

Search Play Console

All apps

Data safety

Health and fitness: 0/2 data types selected

Messages: Show ▾
1/3 data type selected

Photos and videos: Show ▾
0/2 data types selected

Audio files: Hide ▲
Voice or sound recordings (Selected)
Music files
Other audio files

Files and docs: Show ▾

Discard changes Save draft Back Next

This screenshot concludes the 'Data safety' section. It shows the 'Audio files' section with 'Voice or sound recordings' selected. The 'Files and docs' section is also visible. The bottom right includes standard save and navigation buttons.

Google Play Console

Search Play Console

Data safety

Export to CSV Import from CSV

Dashboard

Inbox 1

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- Pre-registration
- Pre-launch report

Reach and devices

App bundle explorer

Audio files 1/3 data type selected

Files and docs

Calendar

Contacts

App activity

Show Hide

Discard changes Save draft Back Next

Google Play Console

Search Play Console

Data safety

Export to CSV Import from CSV

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Reach and devices

App bundle explorer

Audio files 1/3 data type selected

Files and docs

Calendar 0/1 data types selected

Contacts

App activity

Show Hide

Discard changes Save draft Back Next

Google Play Console

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Data safety

Export to CSV Import from CSV

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Reach and devices

App bundle explorer

Files and docs 0/1 data types selected

Calendar 0/1 data types selected

Contacts 0/1 data types selected

App activity

Web browsing

Show Hide

Discard changes Save draft Back Next

Google Play Console

Search Play Console

All apps

Data safety

0/1 data types selected

Contacts

0/1 data types selected

Show ▾

Release

Dashboard

Inbox

Statistics

Publishing overview

App activity

App interactions

In-app search history

Installed apps

Other user-generated content

Other actions

Hide ▲

Web browsing

0/1 data types selected

Show ▾

Discard changes Save draft Back Next

Google Play Console

Search Play Console

All apps

Data safety

0/5 data types selected

App activity

0/3 data types selected

Web browsing

Web browsing history

Show ▾

Release

Dashboard

Inbox

Statistics

Publishing overview

App info and performance

Device or other IDs

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Google Play Console

Search Play Console

All apps

Data safety

0/5 data types selected

App activity

0/1 data types selected

Web browsing

0/1 data types selected

Show ▾

Release

Dashboard

Inbox

Statistics

Publishing overview

App info and performance

Device or other IDs

Crash logs

Diagnostics

Other app performance data

Hide ▲

Discard changes Save draft Back Next

Data safety

App activity
0/5 data types selected

Web browsing
0/1 data types selected

Release

App info and performance
0/3 data types selected

Device or other IDs
Device or other IDs

Testing

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- Pre-launch report

Reach and devices

App bundle explorer

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Discard changes Save draft Back Next

Email address

Is this data collected, shared or both?
Select all that apply. Some types of data collection and sharing are exempt.
[View definitions and exemptions](#)

Collected
This data is transmitted off the user's device, either to you (the developer) or a third party. This includes data that is processed ephemerally, or stored for longer.

Shared
This data is transferred to a third party, either on or off the user's device

Is this data processed ephemerally?
Processing data 'ephemerally' means accessing and using data while it is only stored in memory, and is retained for no longer than necessary to service the specific request in real time.

Data collected in this way must still be disclosed, but will not be shown to users on your Store Listing. [Learn more](#)

Yes, this collected data is processed ephemerally

No, this collected data is not processed ephemerally

Is this data required for your app, or can users choose whether it's collected?
[Learn more](#)

Data collection is required (users can't turn off this data collection)

Users can choose whether this data is collected
Data will be shown as optional on your Store Listing

Discard changes Save Next

Email address

Learn more

Why is this user data collected? Select all that apply. [Learn more and view examples](#)

Users can choose whether this data is collected
Data will be shown as optional on your Store Listing

App functionality
Used for features in your app, for example to enable functionality or authenticate users. [Learn more](#)

Analytics
Used to collect data about how users use your app, or how your app performs. For example, to see how many users are using a particular feature, to monitor app health, to diagnose and fix bugs or crashes or to make future performance improvements. [Learn more](#)

Developer communications
Used to send news or notifications about you or your app. For example, sending a push notification to inform users about an important security update or informing users about new features in your app. [Learn more](#)

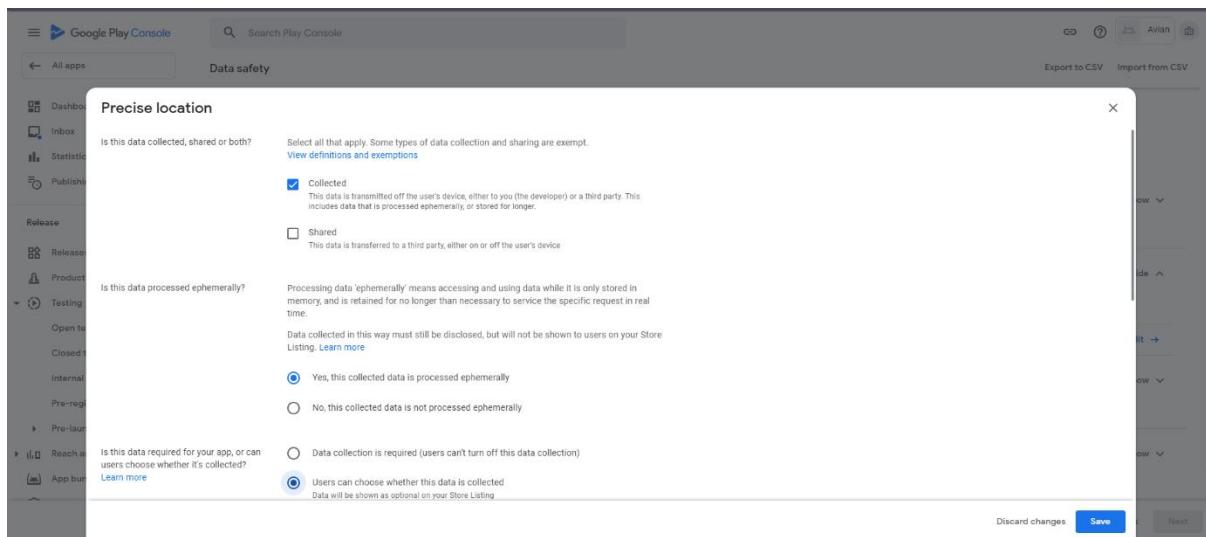
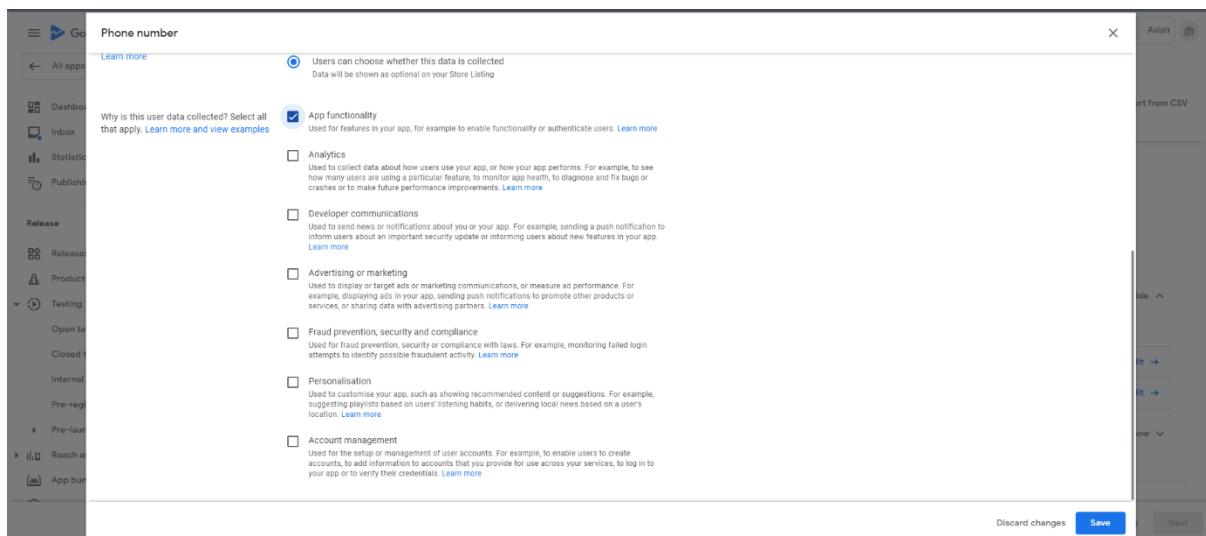
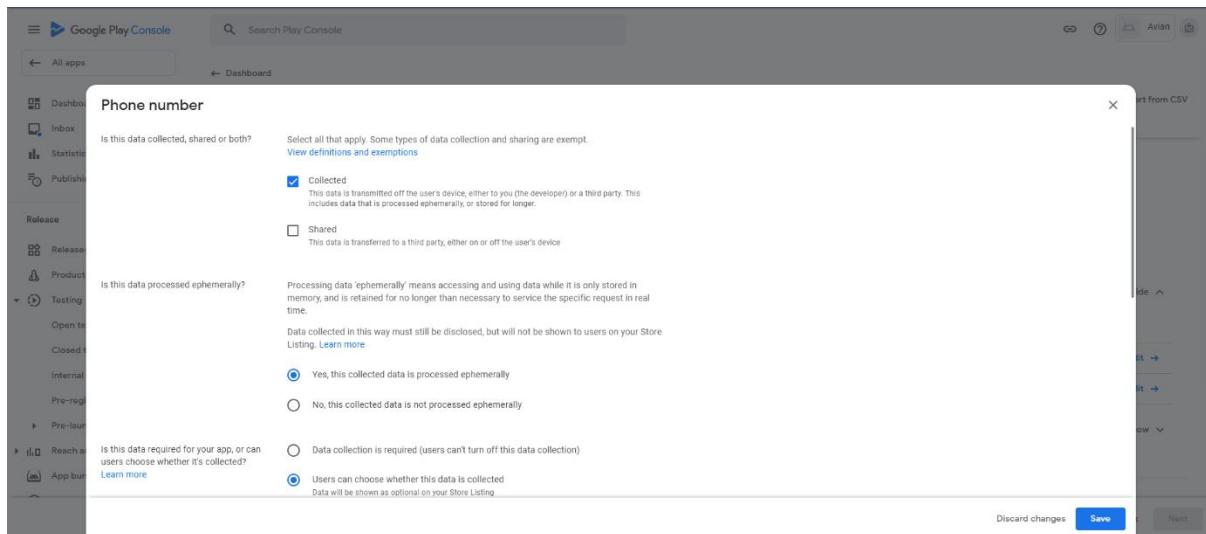
Advertising or marketing
Used to display ads or marketing communications, or measure ad performance. For example, displaying ads in your app, sending push notifications to promote other products or services, or sharing ads with advertising partners. [Learn more](#)

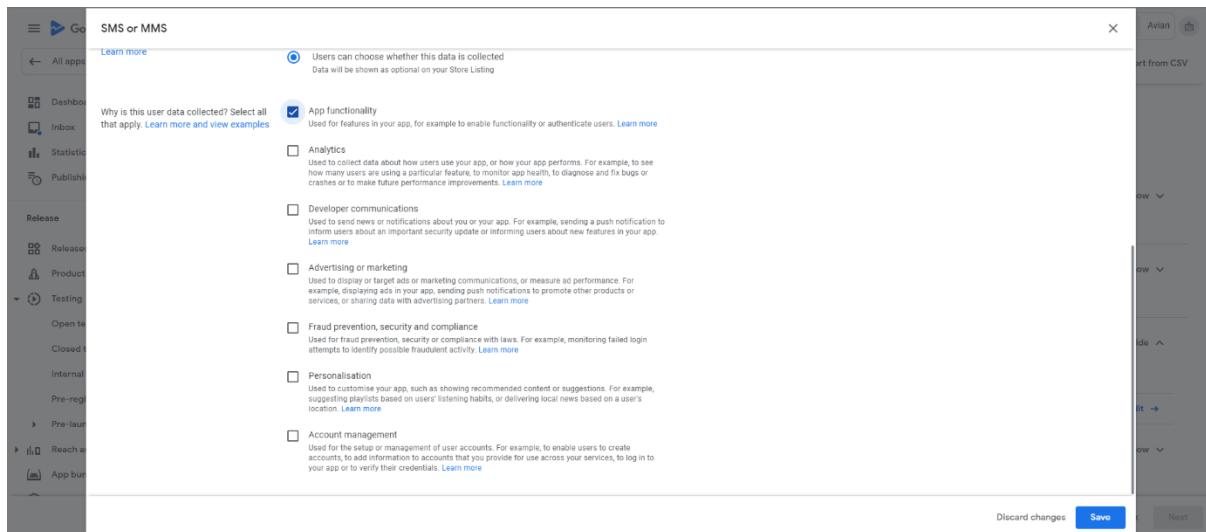
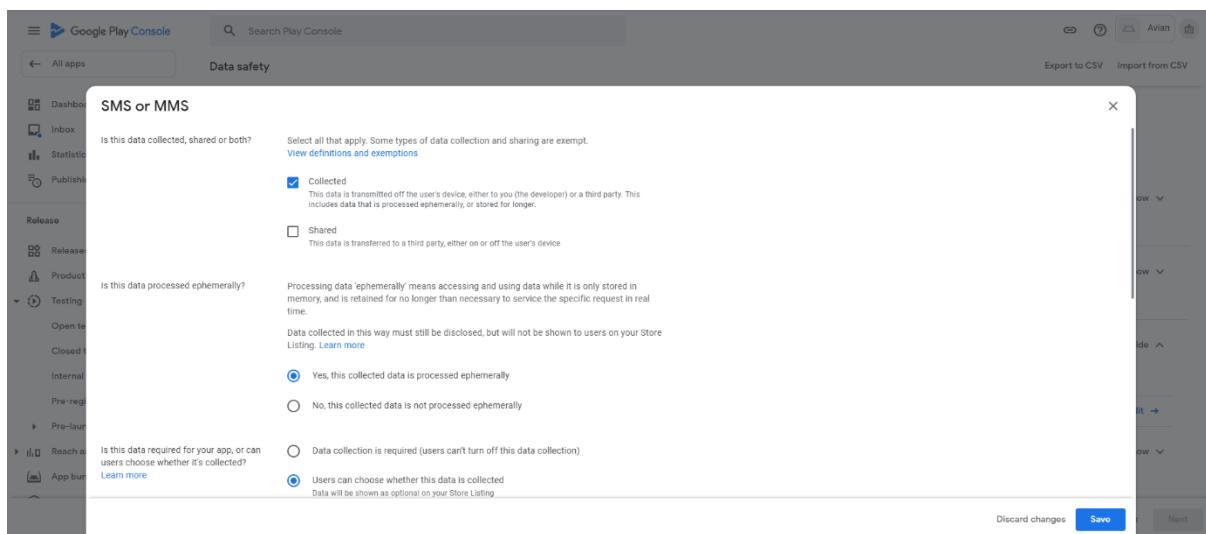
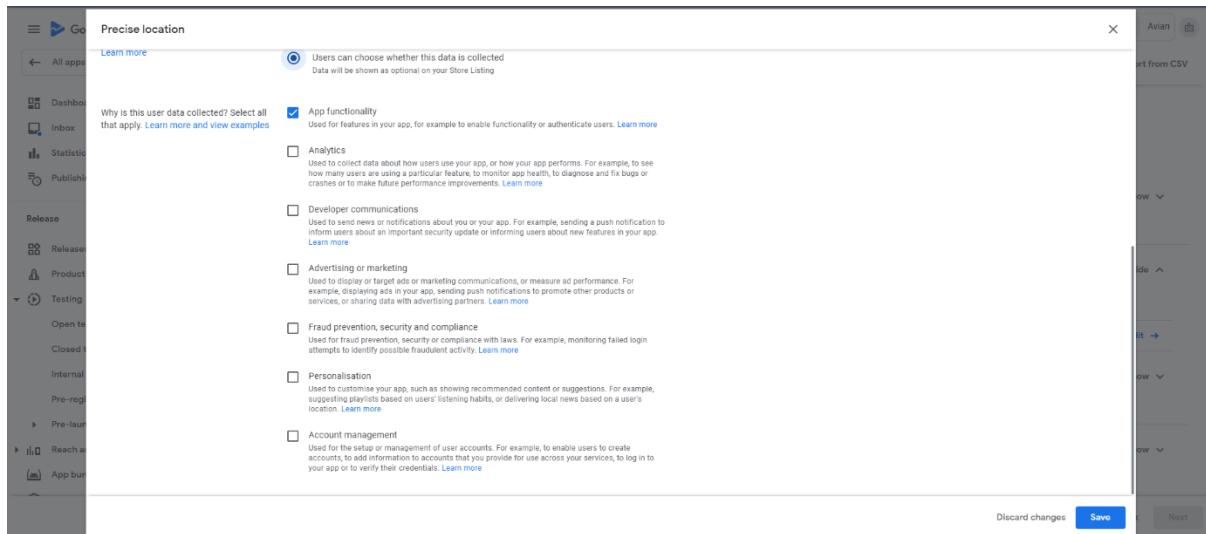
Fraud prevention, security and compliance
Used for fraud prevention, security or compliance with laws. For example, monitoring failed login attempts to identify possible fraudulent activity. [Learn more](#)

Personalisation
Used to customise your app, such as showing recommended content or suggestions. For example, suggesting playlists based on users' listening habits, or delivering local news based on a user's location. [Learn more](#)

Account management
Used for the setup or management of user accounts. For example, to enable users to create accounts, to add information to accounts that you provide for use across your services, to log in to your app or to verify their credentials. [Learn more](#)

Discard changes Save Next





Voice or sound recordings

Is this data collected, shared or both? Select all that apply. Some types of data collection and sharing are exempt. [View definitions and exemptions](#)

Collected This data is transmitted off the user's device, either to you (the developer) or a third party. This includes data that is processed ephemerally, or stored for longer.

Shared This data is transferred to a third party, either on or off the user's device

Is this data processed ephemerally? Processing data 'ephemerally' means accessing and using data while it is only stored in memory, and is retained for no longer than necessary to service the specific request in real time.

Data collected in this way must still be disclosed, but will not be shown to users on your Store Listing. [Learn more](#)

Yes, this collected data is processed ephemerally

No, this collected data is not processed ephemerally

Is this data required for your app, or can users choose whether it's collected? [Learn more](#)

Data collection is required (users can't turn off this data collection)

Users can choose whether this data is collected Data will be shown as optional on your Store Listing

[Discard changes](#) [Save](#) [Next](#)

Voice or sound recordings

[Learn more](#)

Why is this user data collected? Select all that apply. [Learn more and view examples](#)

Users can choose whether this data is collected Data will be shown as optional on your Store Listing

App functionality Used for features in your app, for example to enable functionality or authenticate users. [Learn more](#)

Analytics Used to collect data about how users use your app, or how your app performs. For example, to see how many users are using a particular feature, to monitor app health, to diagnose and fix bugs or crashes or to make future performance improvements. [Learn more](#)

Developer communications Used to send news or notifications about you or your app. For example, sending a push notification to inform users about an important security update or informing users about new features in your app. [Learn more](#)

Advertising or marketing Used to display or target ads or marketing communications, or measure ad performance. For example, displaying ads in your app, sending push notifications to promote other products or services, or sharing data with advertising partners. [Learn more](#)

Fraud prevention, security and compliance Used for fraud prevention, security or compliance with laws. For example, monitoring failed login attempts to identify possible fraudulent activity. [Learn more](#)

Personalisation Used to customise your app, such as showing recommended content or suggestions. For example, suggesting playlists based on user's listening habits, or delivering local news based on a user's location. [Learn more](#)

Account management Used for the setup or management of user accounts. For example, to enable users to create accounts, to add information to accounts that you provide for use across your services, to log in to your app or to verify their credentials. [Learn more](#)

[Discard changes](#) [Save](#) [Next](#)

Data safety

Data usage and handling

Next to each user data type that your app collects or shares, select Start to answer questions about how the data is used and handled. To change the user data types that are selected, go back to the previous step.

Personal info [Show](#)

2 of 2 completed - Email address, Phone number

Location [Show](#)

1 of 1 completed - Precise location

Messages [Show](#)

1 of 1 completed - SMS or MMS

Audio files [Show](#)

1 of 1 completed - Voice or sound recordings

[Discard changes](#) [Save draft](#) [Back](#) [Next](#)

Google Play Console

Search Play Console

Dashboard Statistics Publishing overview

Release Releases overview Production

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Reach and devices App bundle explorer

Data safety

Help users understand how your app collects and shares their data. Show more

Overview Data collection and security Data types Data usage and handling Preview

Store Listing preview

Based on what you've told us, the following information will be shown to users on Google Play

No data collection declared

The developer says that this app doesn't collect user data

No data shared with third parties

The developer says that this app doesn't share user data with other companies or organisations

Data deletion

Data that can be deleted by users. This will be available within your store listing soon.

Delete app account

You can submit a request to delete your account and associated data for this app https://www.varistycollege.co.za/campuses/durban-westville?gclid=CjwKCAiAgC20hCHARIAgACUzmrR6JmuXGVTNl0sZENKC5uSa70gNSL7nPViD0RqKlr_TwWB3za29waAnAELw_wcB

Developer hasn't provided a way to request data deletion

If you save, changes will be saved in Publishing overview, ready for you to send for review.

Discard Back Save as draft **Save**

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Data safety

No data shared with third parties

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Data that can be deleted by users. This will be available within your store listing soon.

Delete app account

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Developer hasn't provided a way to request data deletion

See the developer's privacy policy to learn about how they handle data

Privacy policy

<https://www.freeprivacypolicy.com/live/3c0012c5-3f0c-4870-82ce-bbb5ae1bf587>

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If you save, changes will be saved in Publishing overview, ready for you to send for review.

Discard Back Save as draft **Save**

Google Play Console

Search Play Console

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Government apps

Is your app developed by or on behalf of a government? For example, a national health, city parking or state licensing app.

Yes

No

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Change saved. Send for review in Publishing overview.

Discard **Save**

The screenshot shows the 'Financial features' section of the Google Play Console. On the left, there's a sidebar with navigation links like Dashboard, Inbox, Statistics, Publishing overview, Release, Testing, and Setup. The main area has a search bar at the top. Under 'Financial features', there are two columns of checkboxes:

- Left column:
 - cryptocurrency wallet
 - cryptocurrency exchange
 - Tokenised digital asset (NFT) sales, trading and awards
 - Stock trading and portfolio management
 - Crowdfunding and chit funds
- Right column:
 - Credit monitoring and reporting
 - Financial advice
 - Insurance
 - Other

A horizontal line with 'Or' in the middle separates these two columns. Below this line is a checked checkbox: 'My app doesn't provide any financial features'. At the bottom right are buttons for Discard, Back, Save as draft, and Next.

This screenshot shows the 'Financial features' page after saving. The sidebar and main navigation are identical to the previous screen. The main content area now includes a note about documentation:

At the moment, you're not required to submit any additional documentation for the financial features your app provides. If this changes, we'll let you know.

Below this note are two tabs: 'Financial features in your app' (selected) and 'Documentation'. At the bottom of the page, there's a footer with links to Google's terms and developer distribution agreement.

This screenshot shows the 'App category' settings in the Google Play Console. A modal window titled 'Store settings' is open over the main interface. The sidebar on the left is visible. The modal contains fields for 'App or game' (set to 'App') and 'Category' (set to 'Education'). There's also a note at the bottom of the modal: 'If you save, changes will be saved in Publishing overview, ready for you to send for review.' At the bottom right of the modal are 'Discard' and 'Save' buttons.

Google Play Console

All apps

Dashboard

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Reach and devices

App bundle explorer

App integrity

Setup

Store settings

Manage how your app is organised on Google Play, and how users can contact you

App category

Choose an application type, category and tags that best describe the content or main function of your app. These help users discover apps on Google Play.

App or game	App
Category	Education
Tags	Audio recorder, Education, Maps & navigation

[Edit](#)

Store Listing contact details

This information is shown to users on Google Play

Email address
Phone number

[Edit](#)

Google Play Console

All apps

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Reach and devices

App bundle explorer

External marketing preferences updated X

Store settings

This information is shown to users on Google Play

Email address
Phone number

Website

External marketing

Turn off external marketing if you don't want your app to be advertised outside Google Play

External marketing	<input type="checkbox"/> Advertise my app outside Google Play <small>Any changes may take 60 days to take effect</small>
--------------------	---

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Google Play Console

Main store listing

Search Play Console

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App bundle explorer

App integrity

Setup

Grow

Store presence

Main store listing

Custom store listings

Change saved. Send for review in Publishing overview.

Main store listing

Edit your app's name, icon, screenshots and more to present how your app will look to users on Google Play. [Show more](#)

Default – English (United Kingdom) – en-GB Manage translations ▾

* – Required fields. Enter all fields in English (United Kingdom) – en-GB

Listing assets

Check the [Metadata policy](#) and [Help Centre guidance](#) to avoid common issues with your Store Listing. Review all [programme policies](#) before submitting your app.

If you're eligible to [provide advance notice](#) to the app review team, contact us before publishing your Store Listing.

App name * Avian
This is how your app will appear on Google Play. 5 / 20

Short description * This is an app that helps bird lovers document their bird observations.
A short description for your app. Users can expand to view your full description. 71 / 80

Full description * This is an App that helps educate and bird lover's better document and visit bird hot spots and observations.
100 / 4000

Graphics

Manage your app icon, screenshots and videos to promote your app on Google Play. Review the [content guidelines](#) before uploading new graphics. If you add translations for your Store Listing without localised graphics, we will use the graphics from your default language.

App icon *  Replace

Your app icon must be a PNG or JPEG, up to 1 MB, 512 px by 512 px, and meet our [design specifications](#) and [metadata policy](#).

Feature graphic *  Replace

Your feature graphic must be a PNG or JPEG, up to 15 MB and 1,024 px by 800 px.

https://raw.githubusercontent.com/avatardz/Avian/main/icon/icon-512x512.png

Change saved. Send for review in Publishing overview.

Discard Save

Google Play Console

Main store listing

Search Play Console

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Main store listing

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Change saved. Send for review in Publishing overview.

Main store listing

Edit your app's name, icon, screenshots and more to present how your app will look to users on Google Play. [Show more](#)

Default – English (United Kingdom) – en-GB Manage translations ▾

Graphics

Manage your app icon, screenshots and videos to promote your app on Google Play. Review the [content guidelines](#) before uploading new graphics. If you add translations for your Store Listing without localised graphics, we will use the graphics from your default language.

App icon *  Replace

Your app icon must be a PNG or JPEG, up to 1 MB, 512 px by 512 px, and meet our [design specifications](#) and [metadata policy](#).

Feature graphic *  Replace

Your feature graphic must be a PNG or JPEG, up to 15 MB and 1,024 px by 800 px.

https://raw.githubusercontent.com/avatardz/Avian/main/icon/icon-512x512.png

Change saved. Send for review in Publishing overview.

Discard Save

Google Play Console

Main store listing

Default – English (United Kingdom) – en-GB Manage translations ▾

Video <https://www.youtube.com/watch?v=v>

Add a video by entering a YouTube URL. The video must be public or unlisted; ads must be turned off. It must not be copyrighted and it should be ten seconds.

Phone

Phone screenshots *

4/8 [Upload](#)

Upload 2–8 phone screenshots. Screenshots must be PNG or JPEG, up to 8 MB each. 16:9 or 9:16 aspect ratio, with each side between 320 px and 1,600 px.

To be eligible for promotion, include at least 4 screenshots at a minimum of 1,080 px on each side. [View content guidelines](#)

Tablet

7-inch tablet screenshots *

[Upload](#)

Upload up to eight 7-inch tablet screenshots. Screenshots must be PNG or JPEG, up to 8 MB each. 16:9 or 9:16 aspect ratio, with each side between 320 px and 1,600 px.

Change saved. Send for review in Publishing overview.

[Discard](#) [Save](#)

Google Play Console

Main store listing

Default – English (United Kingdom) – en-GB Manage translations ▾

Tablet

7-inch tablet screenshots *

[Upload](#)

Drop PNG or JPEG files here to upload

Upload up to eight 7-inch tablet screenshots. Screenshots must be PNG or JPEG, up to 8 MB each. 16:9 or 9:16 aspect ratio, with each side between 320 px and 1,600 px.

10-inch tablet screenshots *

[Upload](#)

Drop PNG or JPEG files here to upload

Upload up to eight 10-inch tablet screenshots. Screenshots must be PNG or JPEG, up to 8 MB each. 16:9 or 9:16 aspect ratio, with each side between 320 px and 1,600 px.

Chromebook

Chromebook screenshots

[Upload](#)

Change saved. Send for review in Publishing overview.

[Discard](#) [Save](#)

Google Play Console

Main store listing

Default – English (United Kingdom) – en-GB Manage translations ▾

Chromebook

Chromebook screenshots

[Upload](#)

Drop PNG or JPEG files here to upload

Upload up to eight 10-inch tablet screenshots. Screenshots must be PNG or JPEG, up to 8 MB each. 16:9 or 9:16 aspect ratio, with each side between 1,600 px and 7,680 px.

Change saved. Send for review in Publishing overview.

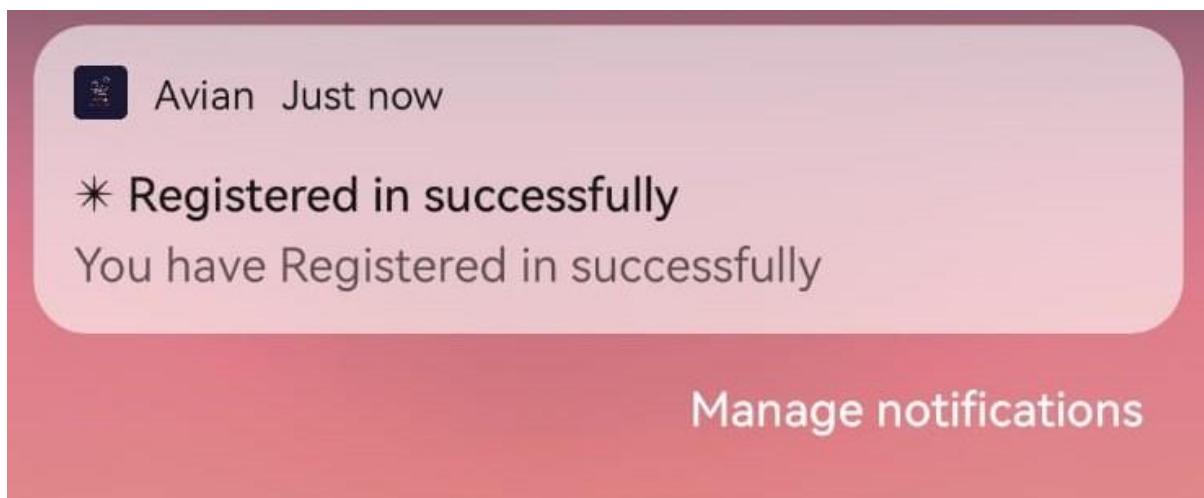
[Discard](#) [Save](#)

Added Features

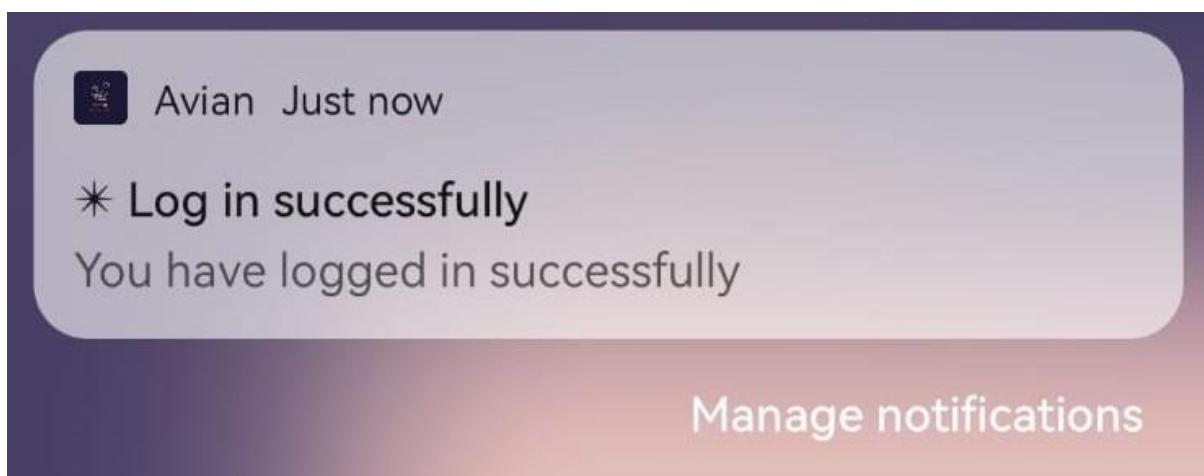
Feature 1: Notifications

This feature has been used throughout the app. This is to notify the user apart from using toast of what they have done has been done successfully or not. This works with the Phones settings and can be turned off in the users phone settings under Avian details

First, I have it on the register page. When a user has successfully created their profile through the registration page onto firebase and saved it on Firebase Authentication., they will receive a notification.



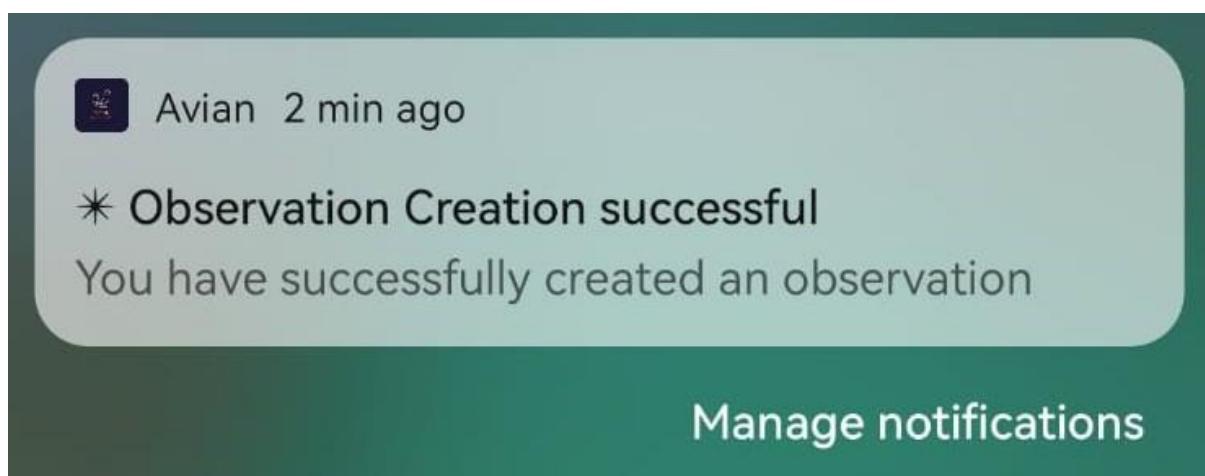
Second, I have it on the Login page. When a user has successfully logged into their profile through the login page and the app has read this profile from Firebase authentication, they will receive a notification.



And if they weren't able to

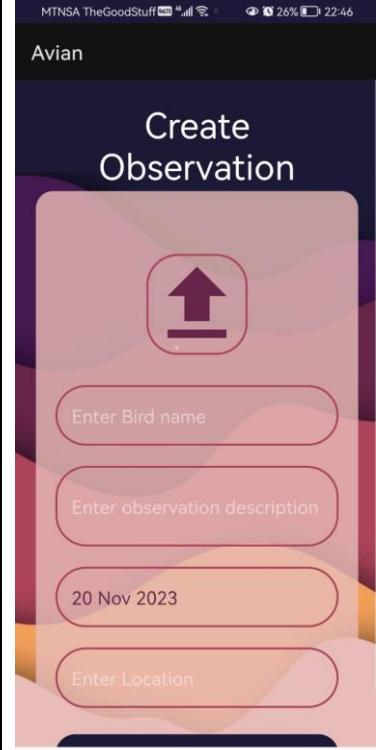
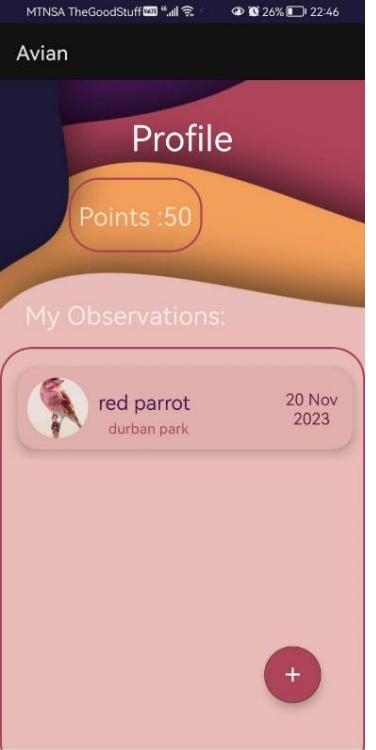


Lastly, I have it on the creation of an observation page (from the profile page add button on the bottom right corner). When a user has successfully created their profile through the registration page, they will receive a notification. This notification shows that the creation of the user's observation was successfully made and updated to the database.



Feature 2: uploading of images.

This is doesn't on the creating a observation page (accessed through the add button on the right bottom corner of Profile page). This gives the user the ability to upload images from their cell phone to their observations. The user is required to do this when creating a new entry. This image is saved to firebase storage. It is later called upon and read from firebase to show all user observations or more details of the observation they have picked. Remember this app is user specif.

		
There is now a box with the uploading logo for the user to upload an image.	This is what the page would look like after entering all the data and uploading an image.	You can also see that the points have been update and the observation is shown with the image.

Bibliography

There are no sources in the current document.