

[GDSC India 2022]

Compose Camp App Submission Guidelines

After completing all 4 units of [Compose Camps](#), students should be able to create an entry level application to test their skills.

Students can decide to develop the app in a group or teams. There will be only ONE Android app submission built using Jetpack Compose from each campus.

The Facilitator decides the ONE app they would like to submit.

Scopes to build your apps

There are many different areas you can decide to build your app. App functioning may vary from an instructional app to all the way to a full-fledged business app. The idea is to solve real-world problems or requirements through your app. We would like you to choose any one of the following areas as options for now :

1. **College or University App:** An app which could help your fellow students or faculty or college. Some suggestions here could be, Time-table tracking app, Attendance recording app, University transportation tracking app, University navigation app, University database for different departments etc.
2. **Clone App:** Recreate four or more screens of any play store application (with ≥ 50000 downloads) using Jetpack Compose. You can choose to make clones of social media apps, music apps or any other application that is commonly used in your region.
3. **Private or Individual Solution App:** An app that can change an individual's life or whole business performance. We would encourage you to go to small local business owners e.g. Bakery Shop, Gyms Centers, Restaurant or any other local businesses to understand their business model and identify a problem that can be solved by using an app.

Guidelines to Submit your App

One-Pager App Intro Submission

Every team who submits the app should have their Application **one-pager Intro** with all the required Github repo links and apps screenshots ready. The one-pager should be organized as follows:

- Problem Statement
- Proposed Solution with screenshots
- Functionality & Concepts used
- Application Link & Future Scope

Note: Your intro should be well written and should give a brief explanation & working of your application.

While designing your app try to recall what you have learned from the course and implement those concepts to build your app. Your app should consist of following concepts:

- Use Kotlin as the primary language and **implement at least 3 Android with Jetpack Compose concepts** that you recently learned in the course.
- Use Android App Architecture patterns discussed in the course.
- The app should have **simple, intuitive & interactive design**.
- Jetpack libraries
 - Three or more navigation endpoints navigate using [Compose Navigation](#).
 - Make use of [Viewmodel](#) to store and manage UI-related data in a lifecycle conscious way.
- (Optional) Connect your app to the internet using [Retrofit](#) or [Ktor](#) and do something useful as part of your app functionality.
- (Optional) Manage local database with the [Room](#) persistence library to abstraction layer over SQLite.
- (Optional) If you have a Google Play developer account, get your app published to Google play store

Please note, we will not be sponsoring a subscription for Google Play developer account.

Other important guidelines:

- Apps should have been built during the campaign period (9th Sep '22 - 9th Oct'22)
- Code should be open sourced on GitHub as a public repository
- A Facilitator can submit only ONE application
- Only Facilitators can make the submission on behalf of the team
- This is not a competitive submission. The idea help you learn, build and grow together

FAQs:

1. Can I make changes to the app once submitted?

No, apps submitted are Final and no further changes will be accepted.

2. What is the deadline for submitting the application?
The last date to submit the application is 10th October 2022.
3. Can I submit more than one entry?
Only ONE entry per Facilitator will be considered.
4. I already built an application using Kotlin before the campaign period? Can I submit it?
No, applications developed only between 9th Sep '22 - 9th Oct'22 will be considered.
5. Can I make new updates to previously built projects to submit the application?
No, we encourage you to develop and submit fresh apps, developed during 9th Sep '22 - 9th Oct'22.
6. What is the expertise level at which the app submission will be evaluated?
The projects will be evaluated on the guidelines mentioned above, regardless of the expertise level of the applicant.
7. Are labs necessary to do in order to submit the app?
It is mandatory for the Facilitators to complete all the 4 units. We highly encourage all participants also to take the labs to be able to build apps successfully.
8. **Note:** Google reserves the right to identify the few apps that may get featured in Google social media channels