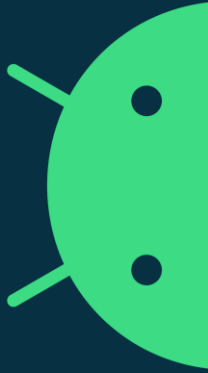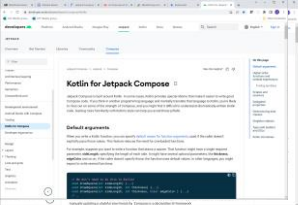# Group Learning Roadmap
CMPS 312

What is Study Group Roadmap?

A study group roadmap
is a series of sessions focused specifically on learning how to build the
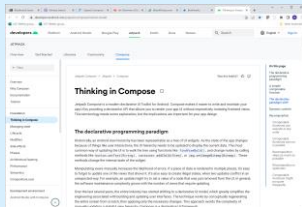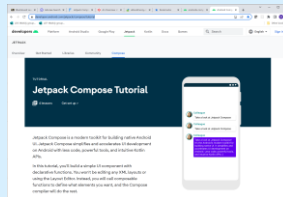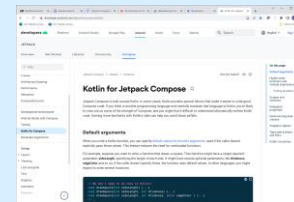group's Android app.

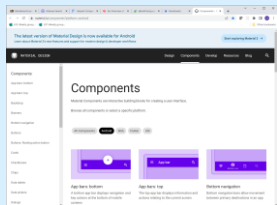**Startup**

1. Setting up Android Studio
2. Thinking in Compose
3. Jetpack Compose Tutorial
4. Android Basics With Compose
5. Kotlin for Jetpack Compose
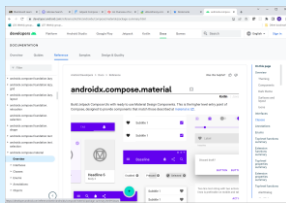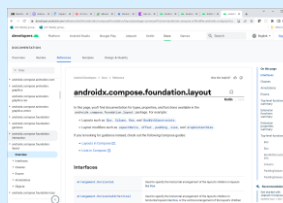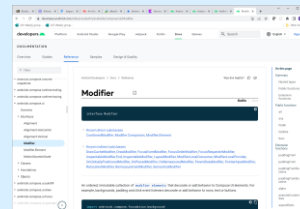
Docs.

1. Material Components
2. Material Components API
3. androidx/compose: layout API
4. androidx/compose: Modifier API

1

2
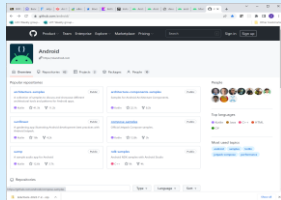
3

4

5

[Codelabs](#)

[Sample Code](#)

Kotlin

1
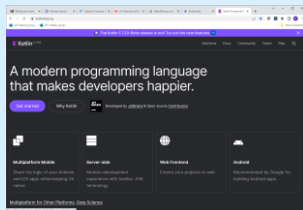
2

[Kotlin official site](#)

[Kotlin Bootcamp](#)

YouTube
Playlists

1

2
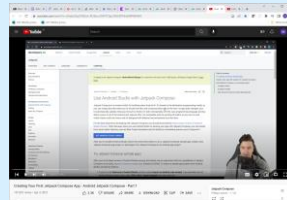
[Philipp Lackner](#)
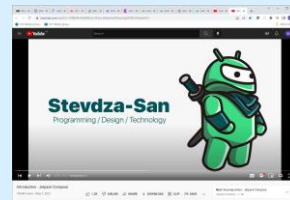
[Stevdza-San](#)

Group's Sessions

Planning and running
a successful session
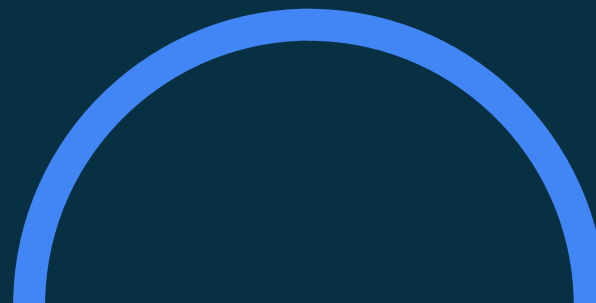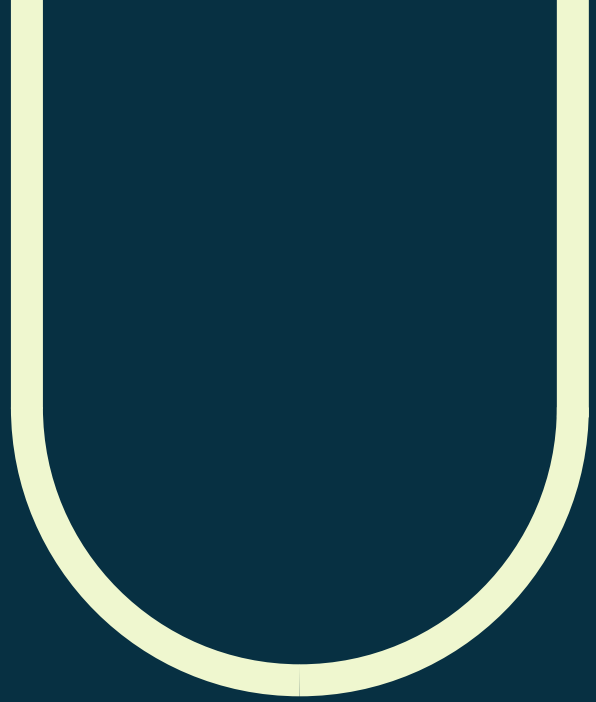
Before the study group session

1 **2** **3** **4** **5**

Find a Venue

First, find a location & invite your group members.

If you can't host the event in a physical location, use collaboration tools such as MSTeams or others. Record the event.

Use GitHub always as platform

Once you join a team, yous the team space on GitHub. Your team space is private, other teams do not have access to it but instructors have.

Prepare yourself

In preparation for the session, get yourself knowledgable of the topics to be covered during the session.

Each member should have access to a computer with Android studio and internet connection.

Make sure that Android studio is the most updated for all members.

Plan agenda

It's important to plan what to learn and how to manage the session with members of the group.

Send pre-session message

Before the event, it's always good to send a pre-session message to explain any logistics and get your group excited for the session.

During the Session

1

Plan engagement & Have Fun

Pre-prepare interesting findings/demo/resource/ questions to share/discuss/ask about, to help keep engagement and discussion going.

You bring the energy to the session, so be sure to come energized and ready to have some fun too!

2

Discuss topics/demos and check progress

Discuss topics and demos related to the new topic(s).

Make sure that everyone has good understanding of these topic(s).

This is an important measure to Team Player Assessment.

3

Answer Questions

Get engagged by asking/answering questions.

Feel free to check communicate and actively interact within your group.

This is an important measure to Team Player Assessment.

4

Reflect on Your group project

Link what you learned to what needed to be done for your group project.

Explore additional related resources to reflect on your group project.

Act by using what you learned in your group project.

During the Session

5 **6** **7** **8**

Share

Share your work and resources on your team's space on GitHub.

Plan for an out-class session

Plan with the group next out-class session and the work to be done it.

Plan topics to get ready for during next in-class session.

Submit session evaluation forms

Submit group evaluation form as a group.

Submit individual evaluation form.

Gauge interest in upcoming session

Bring interest to upcoming session