

A. What topics you need to read

Here we are listing few topics which will help you do the assessment(B section(below)) properly.

- 1) Cardview, MaterialCardview

Resource: <https://developer.android.com/guide/topics/ui/layout/cardview>
<https://developer.android.com/reference/com/google/android/material/card/MaterialCardView>

- 2) RecyclerView, RecyclerView Adapter

Resource: <https://developer.android.com/guide/topics/ui/layout/recyclerview>
https://www.youtube.com/watch?v=Vyqz_-sJGFk

- 3) Textview, Imageview

- 4) Linearlayout/RelativeLayout/ConstraintLayout

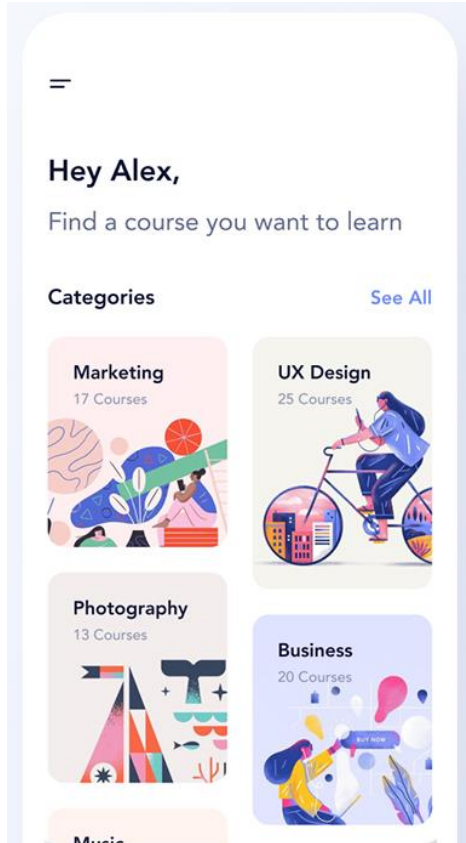
- 5) Theme

Resource: <https://developer.android.com/guide/topics/ui/look-and-feel/themes#:~:text=You%20can%20create%20a%20theme,xml%20file.>

B. What you need to build

Note: For the graphic items you see in the below screens, you can use any images(except obscene or depiction of addictive items) from the internet. However, the images must go with the theme of the screen.

Have a look at the picture shown below:



In this screen, user gets to see a few cards, each card depicting a particular course category.

Now, you have to keep in mind the following points while building the screen:

- Here you have to create all ui elements as shown in the figure.
- The categories names should be: Science, Maths, Commerce, Arts, Design, Architecture, Category7, Category8, Category9, Category10
- Categories Area should be scrollable. And show all 10 categories listed above
- This will be the launcher activity

C. Submission Guidelines

What to submit:

- 1) **Final Apk** - make sure it installs correctly. To ensure, click on Build -> Build APK and then send the apk.
- 2) **Source codes** - Please don't send full project zip or rar.
You must send AndroidManifest, build.gradle(app level), Single Activity file(of the screen you built), xml of the Activity, styles.xml

Note:

Final Apk and the 5 source files send in the same email with the subject as "Your_Name_Android_Intern_Assignment".

Where to submit:

contact@edudigm.in

For any query please contact us at contact@edudigm.in