

Department of Computer Science & Engineering
EXPERIMENT LIST

Subject: Mobile application development

Academic Year: 2022-23

Semesters: VIII

Class: B. Tech Final Year

Practical: 4 Hrs./Week

EXP. NO.	TITLE OF EXPERIMENT
1.	Installation of Android SDK, configuring Emulator
2.	Create project using Android Studio and configuring mobile device/tablet in Android Studio with developer option and running app directly on mobile device/tablet.
3.	Write a program to use of layouts such as Linear Layout
4.	Write a program to use of layouts such as Relative Layout
5.	Write a program to use of different layouts Frame layout
6.	Write a program to use of different layouts Table Layout
7.	Write a program to study Intents for switching between activities.
8.	Write a program to study Intents for Telephony services
9.	Write a program to use of Intents for SMS
10.	Write a program to use of Intents for Email
11.	Write a program to study and demonstrate Broadcast Receiver.
12.	Write a program to demonstrate Buttons and Radio Buttons
13.	Write a program to demonstrate Text Fields
14.	Write a program to demonstrate Checkboxes
15.	Write a program to demonstrate Toggle Buttons with their events handler
16.	Write a program to demonstrate Spinners
17.	Write a program to demonstrate Toasts with their events handler
18.	Write a program to demonstrate Alerts
19.	Write a program to demonstrate Popups with their events handler
20.	Write a program to demonstrate dialog-TimePicker

21.	Write a program to demonstrate DatePicker and their events handler
22.	Write a program to demonstrate Touch Mode with their events handler.
23.	Write a Program to demonstrate Menus with their events handler.
24.	Write a Program to demonstrate notification with their action.
25.	Develop a native calculator application.
26.	Implement an application that writes data to the SD card
27.	Write a mobile application that creates alarm clock.
28.	Write a program to study and use of SQLite database.
29.	Implement an application that implements Multi-threading
30.	Study of publishing app to the Android Market.