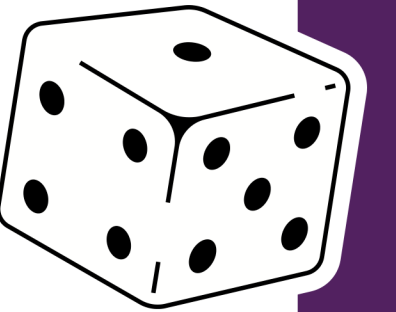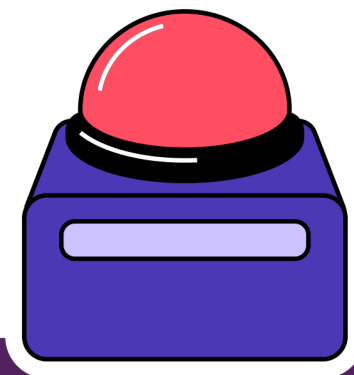# ACTIVITY 22

Mobile Application Development

Essentials - IT 3

START

INSTRUCTIONS

01 Broadcast Receivers – (Why do we need it ? What does it do ?)

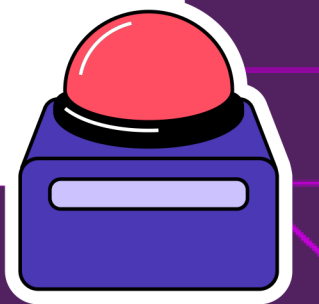**02** Content Providers - (Why do we need it ? What does it do ?)

NICE TRY

WHAT DOES BROADCAST RECEIVERS DO ?

It is a dormant android component that waits for system-wide broadcast events or intents. When any of these events occurs, the program responds by displaying a status bar notice or completing a task. In contrast to activities, android BroadcastReceiver does not have a user interface.
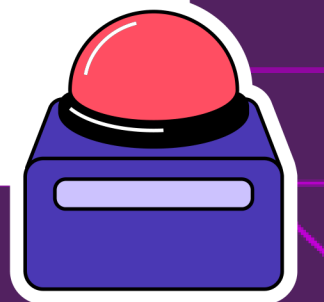
WHY DO WE NEED BROADCAST RECEIVERS ?

Developers uses Android Broadcast receivers to register system or application events. It aids in the distribution of messages/notifications to other apps and systems.

WHAT DOES CONTENT PROVIDERS DO ?

A content provider manages access to a central repository of data. A provider is part of an Android application, which often provides its own UI for working with the data. However, content providers are primarily intended to be used by other applications, which access the provider using a provider client object. Together, providers and provider clients offer a consistent, standard interface to data that also handles inter-process communication and secure data access.

WHY DO WE NEED CONTENT PROVIDERS ?

Content providers can help an application manage access to data stored by itself, stored by other apps, and provide a way to share data with other apps. They encapsulate the data, and provide mechanisms for defining data security.
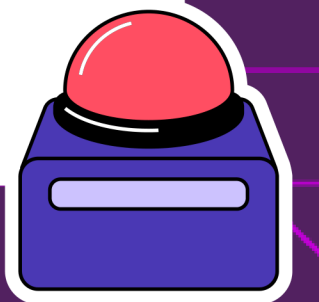
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THANK YOU!