
TUTORIAL 5

1. Analyse your favorite app to answer the following questions:

- Data & battery:

How does it deal with no network (airplane mode)?

Does it rely on background services?

What is the battery usage of the app? (consider in use / in background situations)

- Divided attention:

How does the app deal with interruptions?

How many / what kind of notifications are used?

- Handedness:

Can it be used with one hand?

Does it have large touch targets?

- Small screen:

Does it prioritise most important functionality?

How does it make use of screen space?

- Menu Navigation

How has the navigation between pages / screens been made obvious and easy to use (or not)?

2. Toast is a temporary message that shows on screen, the message is displayed for a short period of time before it automatically disappears.

- a) Choose a couple of mobile apps that you have used recently. Identify what the mobile app makes use of toasts for. Try to gather a few different reasons for toast being used to aid the user of the mobile app.

- b) You have already known how to show constant texts on the screen. Now develop an app which uses the Toast class to show up temporary messages on the screen.

- Read through the following documentation:

<https://developer.android.com/guide/topics/ui/notifiers/toasts>

- You might also need to use the onStart() method.

3. Explore Android Life Cycle methods, we will introduce and discuss them next week.