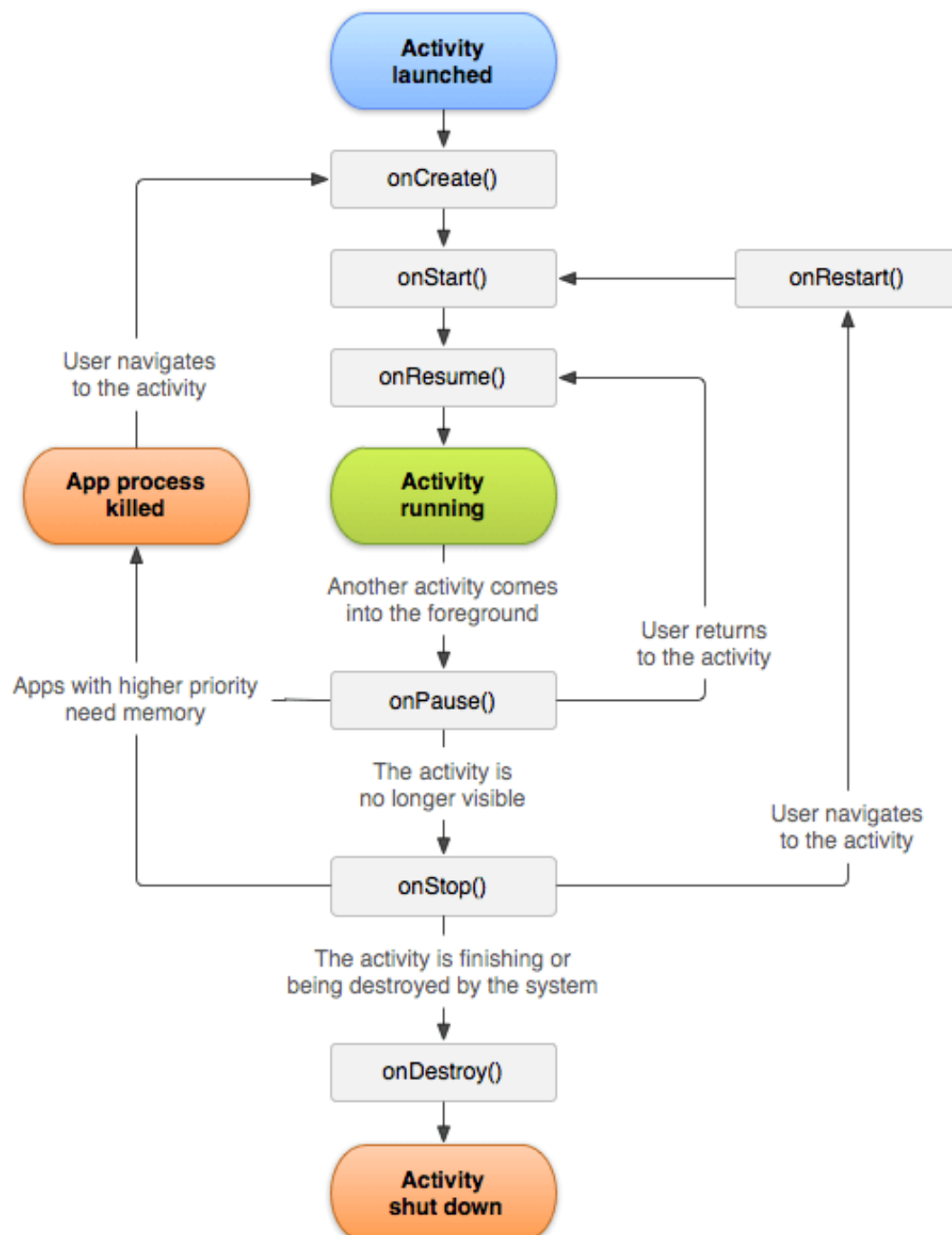


Practical 4 - Create an android app that demonstrates Activity Lifecycle and Instance State.

An activity represents a single screen with a user interface just like window or frame of Java. Android activity is the subclass of ContextThemeWrapper class. **Android Activity Lifecycle** is controlled by 7 methods of android.app.Activity class. The 7 lifecycle method of Activity describes how activity will behave at different states.



Lifecycle Methods:

onCreate()

This is the first callback and called when the activity is first created.

onStart()

This callback is called when the activity becomes visible to the user.

onResume()

This is called when the user starts interacting with the application.

onPause()

The paused activity does not receive user input and cannot execute any code and called when the current activity is being paused and the previous activity is being resumed.

onStop()

This callback is called when the activity is no longer visible.

onDestroy()

This callback is called before the activity is destroyed by the system.

onRestart()

This callback is called when the activity restarts after stopping it.