

Architecture Components

Let's do a quick test! You must answer at least 7 questions correctly to pass this quiz.

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1. Which method is first called when the app no longer has focus?

☒ onPause() ☒ Correct!

☐ onStart()

☐ onCreate()

☐ onStop()

2. After ___, the app is no longer visible on screen.

☐ onPause()

☐ onStart()

☐ onCreate()

☒ onStop() ☒ Correct!

3. Use ___ to write a debug message. This method takes two arguments: the log tag and the log message.

☐ `Log.i()`


☒ `Log.d()`  Correct!

☐ `Log.e()`

☐ `Log.w()`

4. To save a value that needs to survive a configuration change, declare its variables with ____.

☐ `MutableState{}`

☒ `rememberSaveable{}`  Correct!

☐ `remember{}`

☐ State Hoisting

5. The separation of concerns design principle states that the app should be divided into classes, each with separate responsibilities.

☒ True  Correct!


☐ False

6. The UI is what the user sees, while the UI state is what the app says they should see.


☒ True  Correct!

☐ False


7. According to the recommended app architecture, each application should have at least the following two layers:

- ☐ The domain layer and the data layer
- ☒ The UI layer and the data layer  Correct!
- ☐ Repository layer and the UI layer
- ☐ The domain layer and the UI layer

8. `StateFlow` is a data-holder observable flow that emits the current and new state updates.

- ☒ True  Correct!
- ☐ False

9. Which of the following configurations should be added to the `build.gradle` file to add dependencies for the unit test source code?

- ☐ `implementation`
- ☒ `testImplementation`  Correct!
- ☐ `debugImplementation`
- ☐ `androidTestImplementation`

10. Unit tests are executed on an Android device or emulator.

- ☐ True

☐ False ☒ Correct!

Results

You scored **10 out of 10**. Congratulations! You have passed this quiz.

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