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Testing Composables in Android Jetpack Compose

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Course Introduction

Composable function

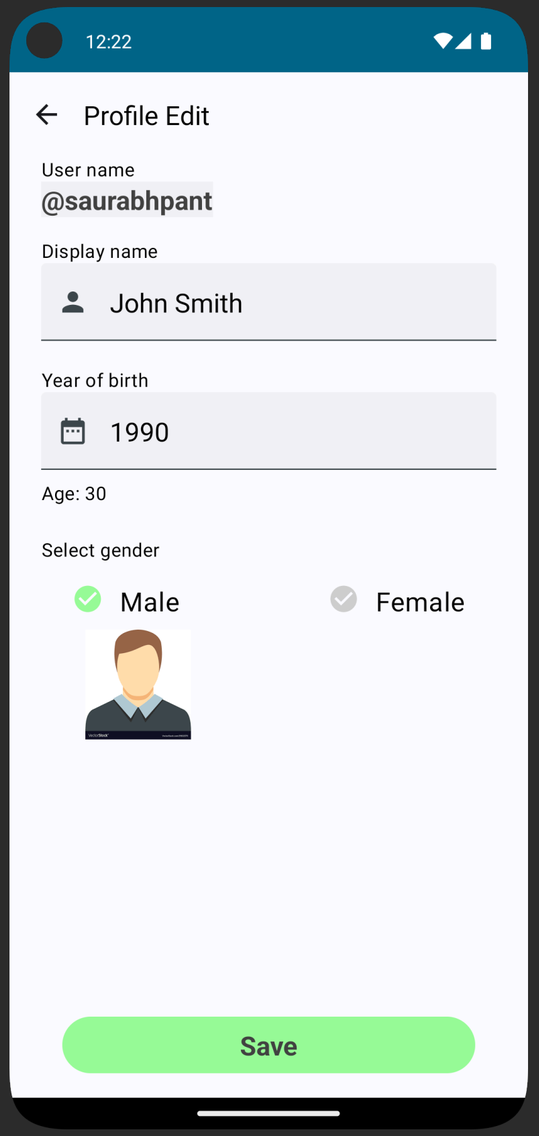
```
@Composable
fun ProfileEdit() { … }
```

Dependencies

Finder APIs
Assertion APIs
Action APIs

Run + Validate

What Are We Going To Test?



Steps to Testing

- Set up the test environment
- Create the test class
- Add Compose Rule
- Set up @Before and @After annotation
- Write test cases
- Run and Validate test cases

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Let’s Get to the Code

Download the Starter Project

Link given in the Study material section of Course Content

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Setting up the Environment

Add dependencies & Create test class

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AndroidTestRunner

Responsible for running our tests and providing us the results

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Create Test Class

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Add Compose Rule

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Set up @Before and @After annotation

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Write test cases

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Run and Validate test cases

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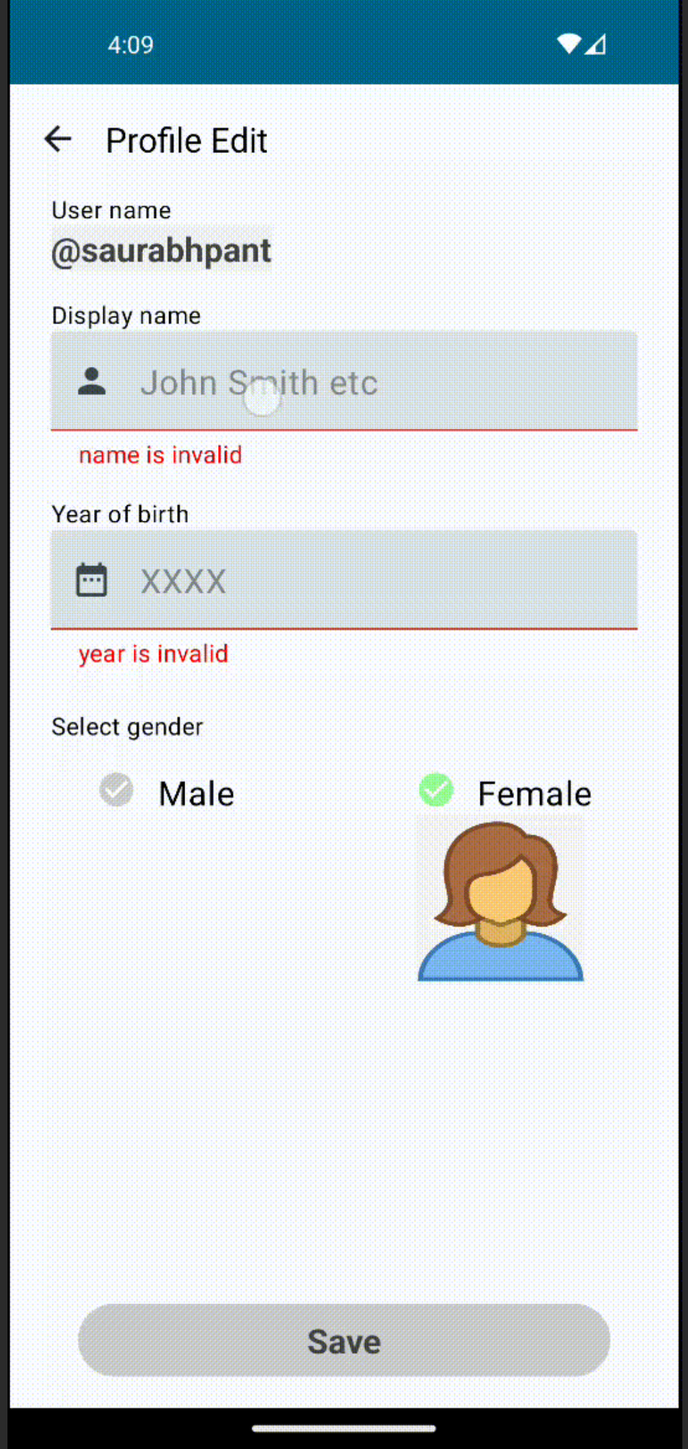
Code Challenge



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Code Challenge Solution

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Learnings

- Set up required for creating a test environment for composables
- Different APIs available for testing composables
- Terms associated with testing
- How to run and validate test cases

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Congratulations!

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Until Next Time…

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