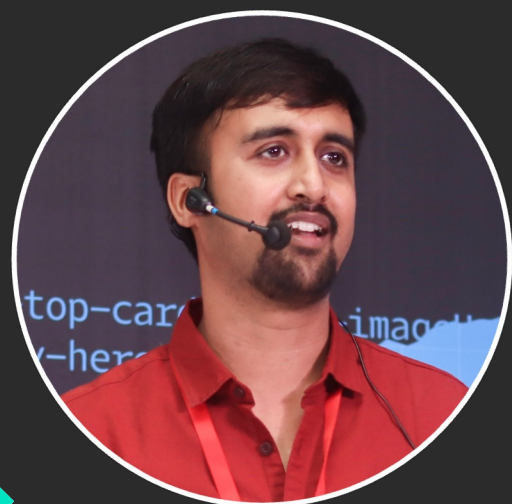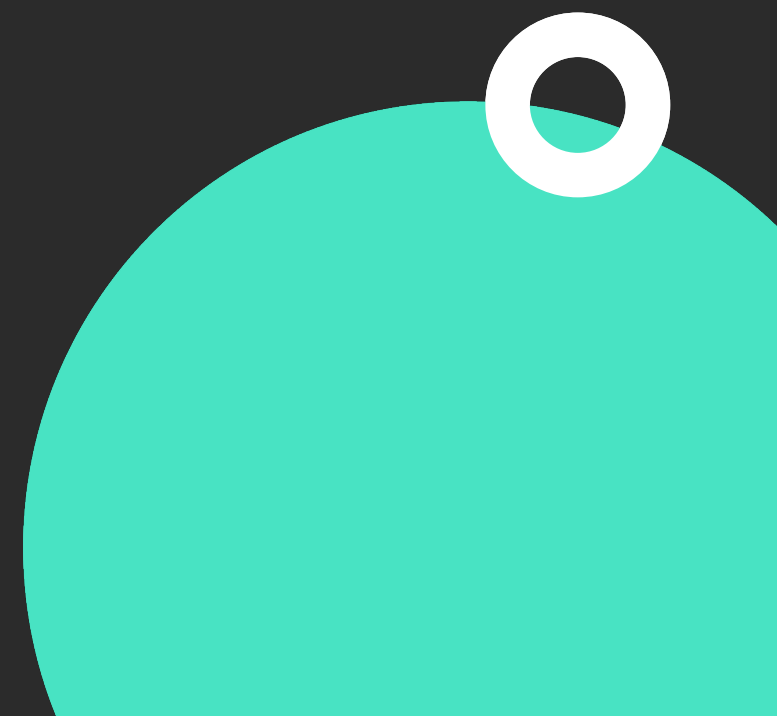# Navigation Component for Jetpack Compose
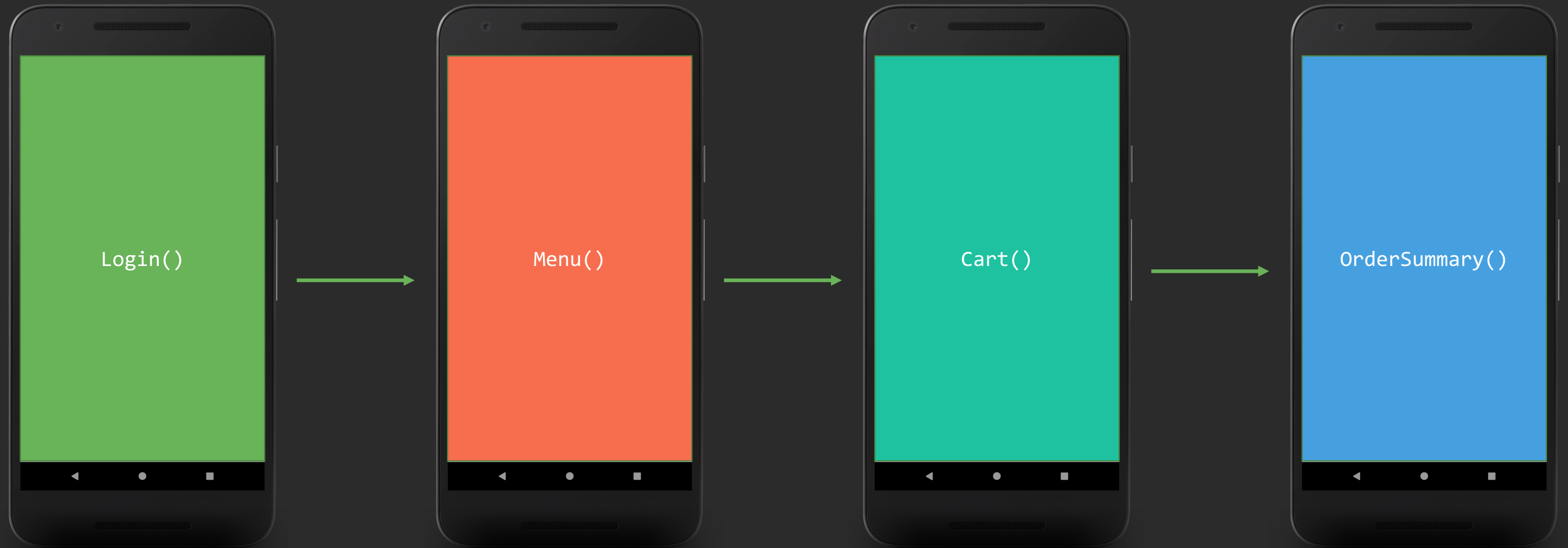
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# Navigation Component

# Navigation Component

NavHost

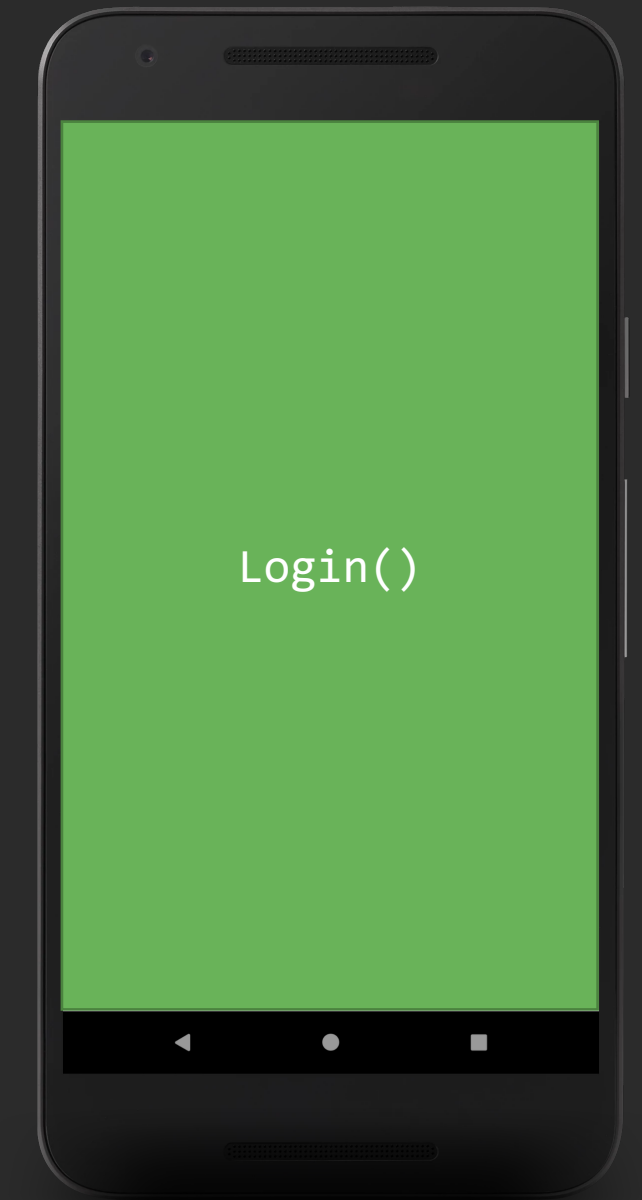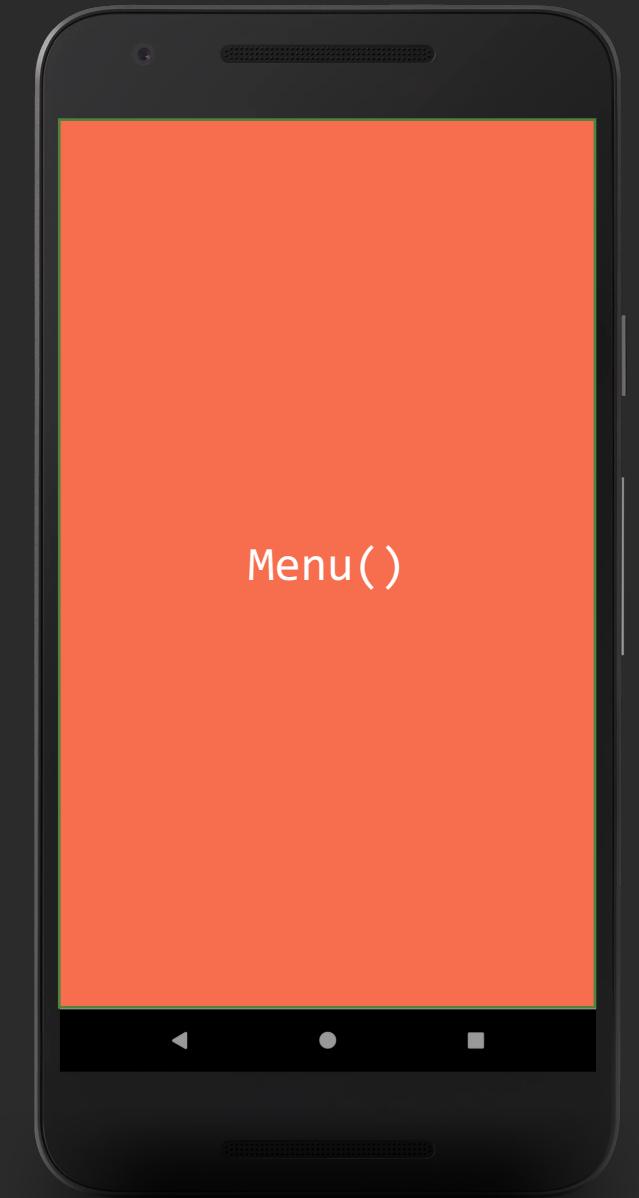NavHostController

NavGraph

Login()

# Navigation Component

NavHost

NavHostController

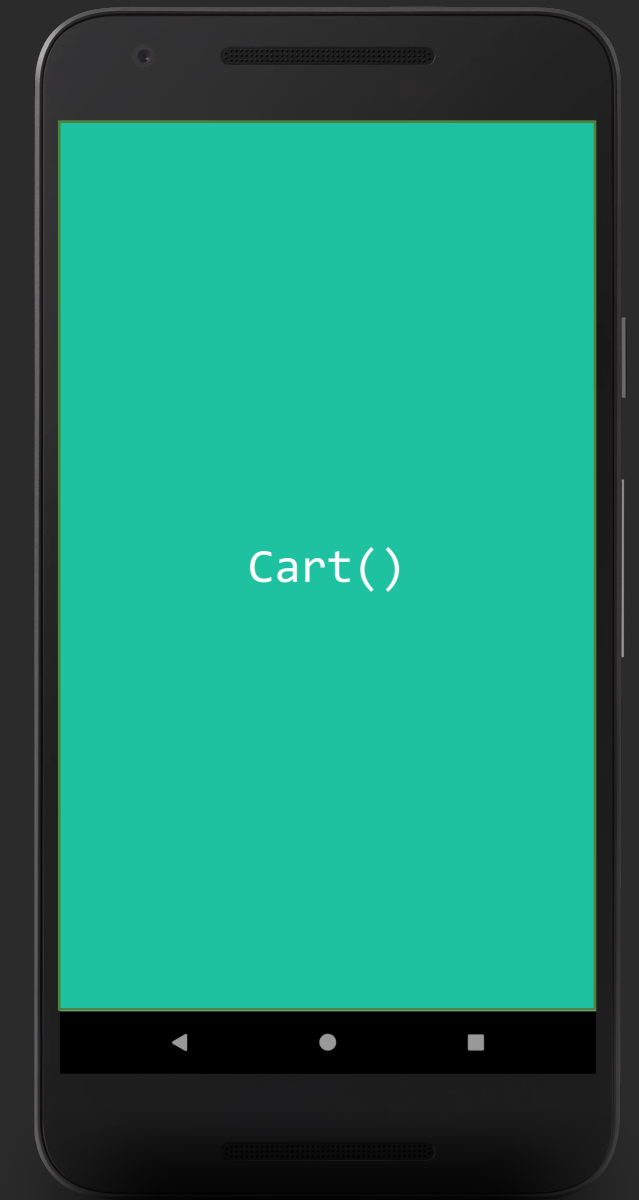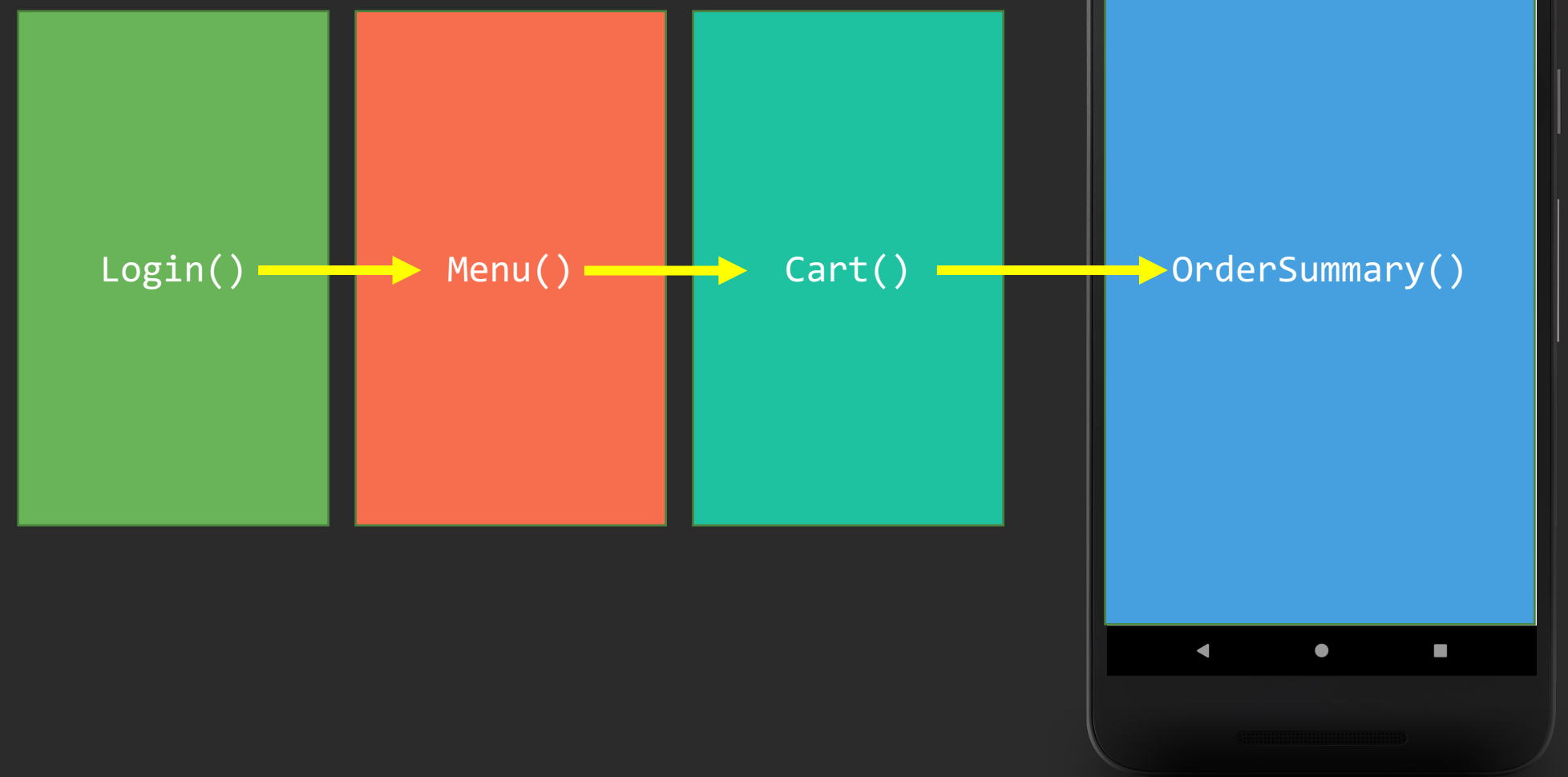NavGraph

Login()

Menu()

# Navigation Component

**NavHost**

**NavHostController**

**NavGraph**

Login()

Menu()

Cart()

# Navigation Component

NavHost

NavHostController

NavGraph

Login() → Menu() → Cart() → OrderSummary()

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# Navigation Compose

```kotlin
val navHostController = rememberNavController()

NavHost(navController = navHostController, startDestination = "login") {

    // NavGraphBuilder

    composable(route = "login") {

        LoginScreen(...)

    }

    composable(route = "menu") {

        Menu(...)

    }

    composable(route = "summary") {

        OrderSummary(...)

    }

}
```
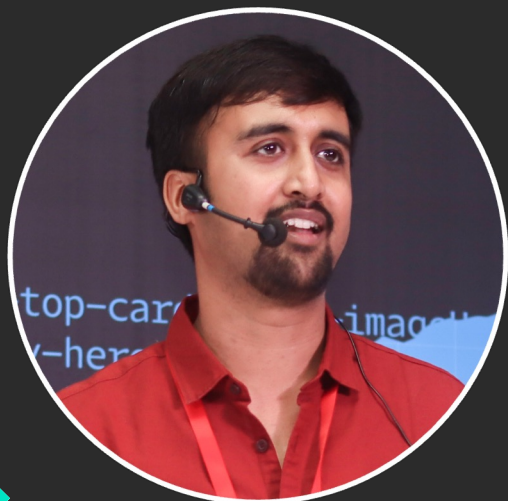
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# Summary

- NavHostController executes the navigation between destinations
  - Get its instance by using `rememberNavController()`
  - A NavHostController is always associated with a NavHost
- NavHost is a container to display different destinations in a NavGraph
- NavGraph maps all composable destinations
- How to pass data from one destination to another?

# Thank You!

**Sriyank Siddhartha**

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