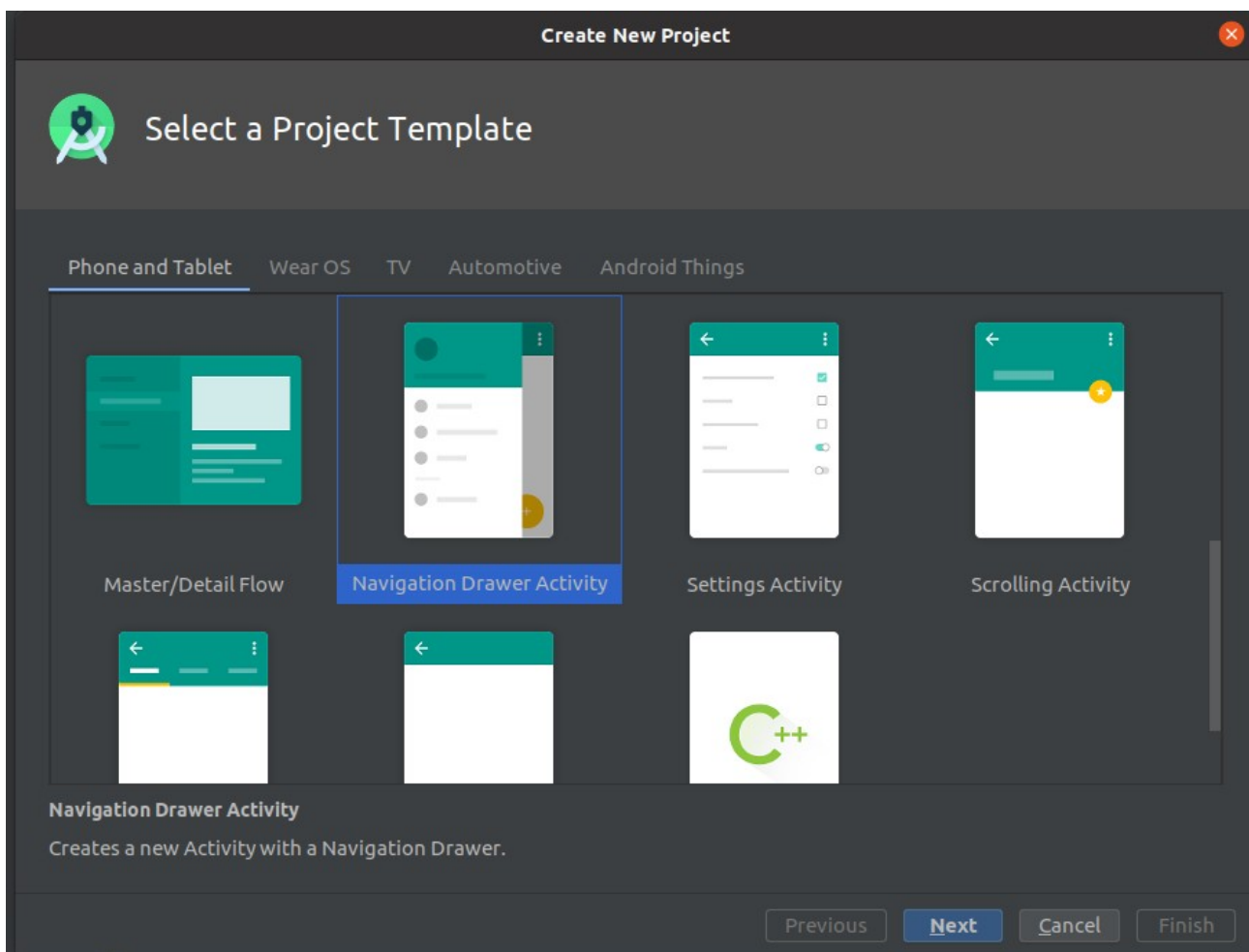


Creating an Android Application with Drawer Navigation and Bottom Navigation

1 Create a app with Navigation Drawer Activity

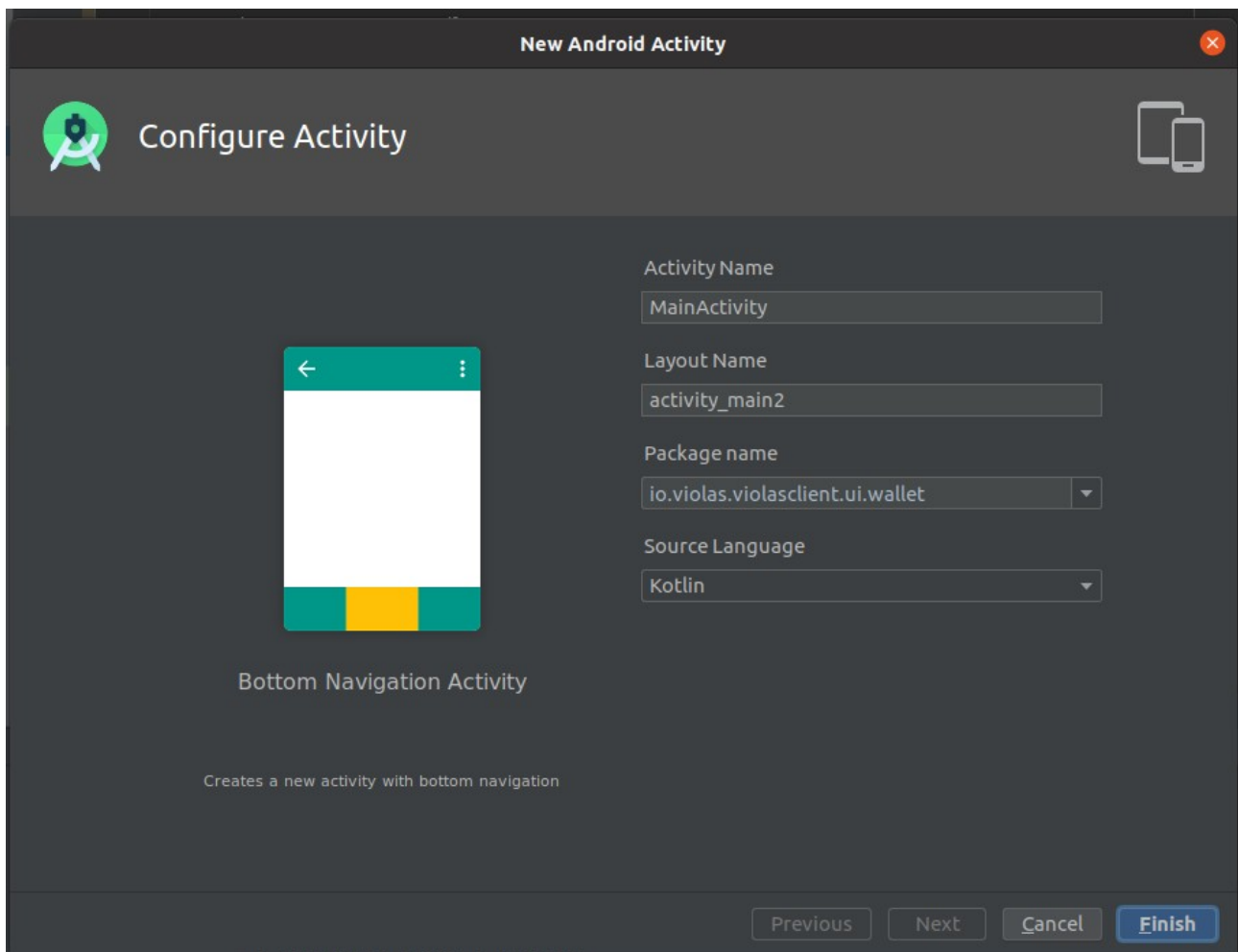


2 Change source code

1. Change res/navigation/mobile_navigation.xml to drawer_navigation.xml
2. Change ui/home to ui/demo
3. Replace home to demo in all source code
4. Replace Home to Demo in all source code
5. Change ui/Demo/ HomeFragment.kt to DemoFragment.kt,
6. Change ui/Demo/HomeViewModel.kt to DemoViewModel.kt
7. Change layout/fragment_home.xml to fragment_demo.xml
8. Modify res/navigation/drawer_navigation

3 Build and Test if Navigation Drawer works fine

4 Add a new Navigation Bottom Activity



5 modify fragment_demo.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".ui.Demo.DemoFragment">
```

```
<com.google.android.material.bottomnavigation.BottomNavigationView
    android:id="@+id/nav_view"
    android:layout_width="0dp"
    android:layout_height="wrap_content"
    android:layout_marginStart="0dp"
    android:layout_marginEnd="0dp"
    android:background="?android:attr/windowBackground"
    app:layout_constraintBottom_toBottomOf="parent"
```

```
    app:layout_constraintLeft_toLeftOf="parent"
    app:layout_constraintRight_toRightOf="parent"
    app:menu="@menu/bottom_nav_menu" />
```

```
<fragment
    android:id="@+id/nav_host_fragment"
```

```
    android:name="androidx.navigation.fragment.NavHostFragment"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    app:defaultNavHost="true"
    app:layout_constraintBottom_toTopOf="@id/nav_view"
    app:layout_constraintLeft_toLeftOf="parent"
    app:layout_constraintRight_toRightOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:navGraph="@navigation/mobile_navigation" />
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

6 Add code to ui/home/homefragment

```
class WalletFragment : Fragment() {

    private lateinit var walletViewModel: WalletViewModel

    override fun onCreateView(
        inflater: LayoutInflater,
        container: ViewGroup?,
        savedInstanceState: Bundle?
    ): View? {
        walletViewModel =
            ViewModelProviders.of(this).get(WalletViewModel::class.java)
        val root = inflater.inflate(R.layout.fragment_wallet, container,
false)

        var navView: BottomNavigationView =
root.findViewById(R.id.nav_view);

        var hostView: View = root.findViewById(R.id.nav_host_fragment)
        var navController = Navigation.findNavController(hostView);

        var mainActivity = activity as AppCompatActivity;
        val drawerLayout: DrawerLayout =
mainActivity.findViewById(R.id.drawer_layout)

        // Passing each menu ID as a set of Ids because each
        // menu should be considered as top level destinations.
        val appBarConfiguration = AppBarConfiguration(
            setOf(
                R.id.navigation_home, R.id.navigation_dashboard,
R.id.navigation_notifications
            ), drawerLayout
        )

        mainActivity.setupActionBarWithNavController(
            navController,
            appBarConfiguration
        )

        navView.setupWithNavController(navController)

        return root
    }
}
```

7 remove Bottom Navigation Activity