**Assignment Report:**

* Name: Somdutta Roy
* Date of submission: 21.032025
* Job role: Android Developer
* **Project overview:** 
  + The application called **Recipe compose** shows a list of recipes that when clicked leads us to a window which shows us the timer which.
  + Differences from the assignment: The sidebar is collapsable and the dialog window that appears closes on clicking outside the window.
* **Technology stack:**
  + **Jetpack Compose** → For UI components.
  + **MVVM (Model-View-ViewModel)** → For separation of concerns.
  + **Retrofit + Coil** → For API calls and image loading.
  + **State Management using ViewModel + remember {}** → For managing UI state.
* **Implementation Details:**

This application is built using **Jetpack Compose** for UI and **MVVM (Model-View-ViewModel)** for state management. The key features include:

* + **Displaying a list of dishes** from an API.
  + **Search and filter functionality** to refine the displayed dishes. (not implemented but visible as UI component: as mentioned)
  + **A collapsible sidebar** for navigation.
  + **A dish details dialog** that opens when a dish is selected.
  + **A time picker dialog** for scheduling cooking time. (not implemented but visible as UI component: as mentioned)
* **Libraries to download before running the app:**

dependencies {

implementation("androidx.compose.ui:ui:1.5.0")

implementation("androidx.compose.material:material:1.5.0")

implementation("androidx.compose.ui:ui-tooling-preview:1.5.0")

implementation("androidx.lifecycle:lifecycle-runtime-compose:2.6.0")

implementation("io.coil-kt:coil-compose:2.2.0") // For image loading

implementation("com.squareup.retrofit2:retrofit:2.9.0")

implementation("com.squareup.retrofit2:converter-gson:2.9.0")

implementation(" androidx.lifecycle:lifecycle-viewmodel-compose:2.6.2")

}