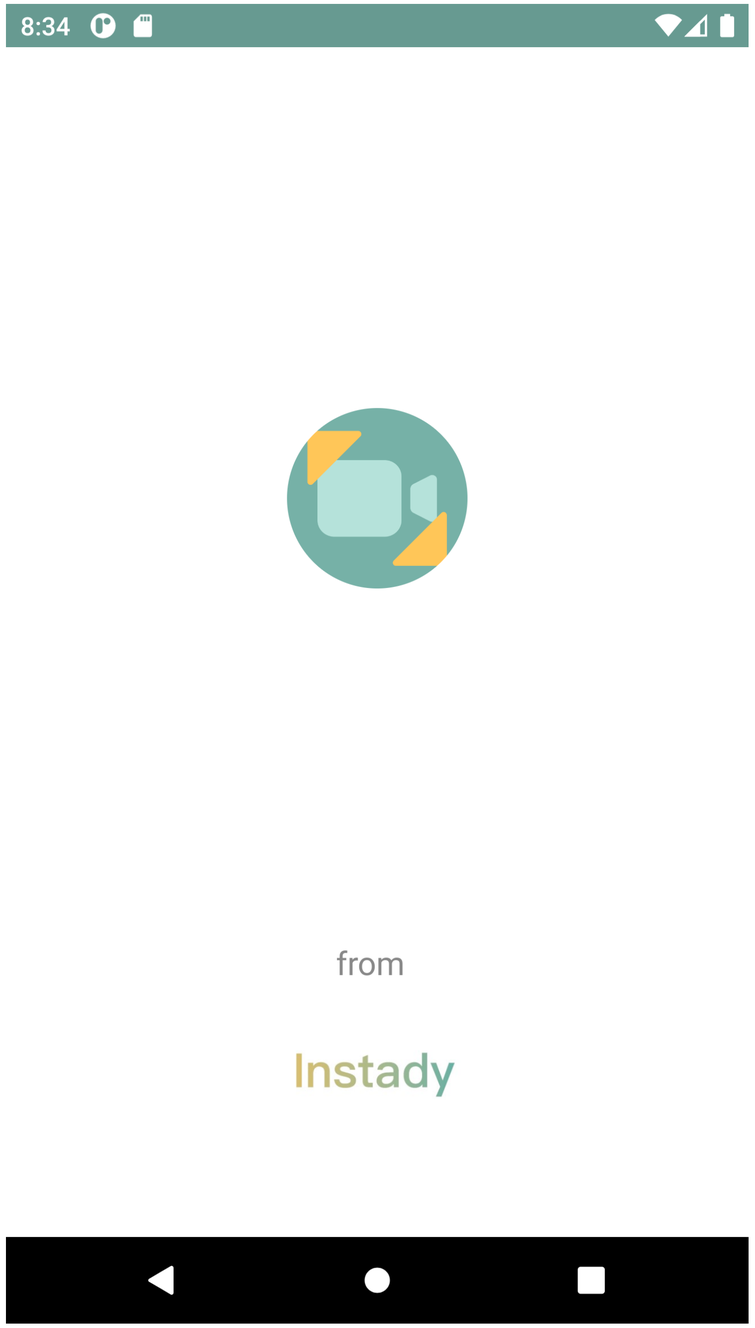
Instady

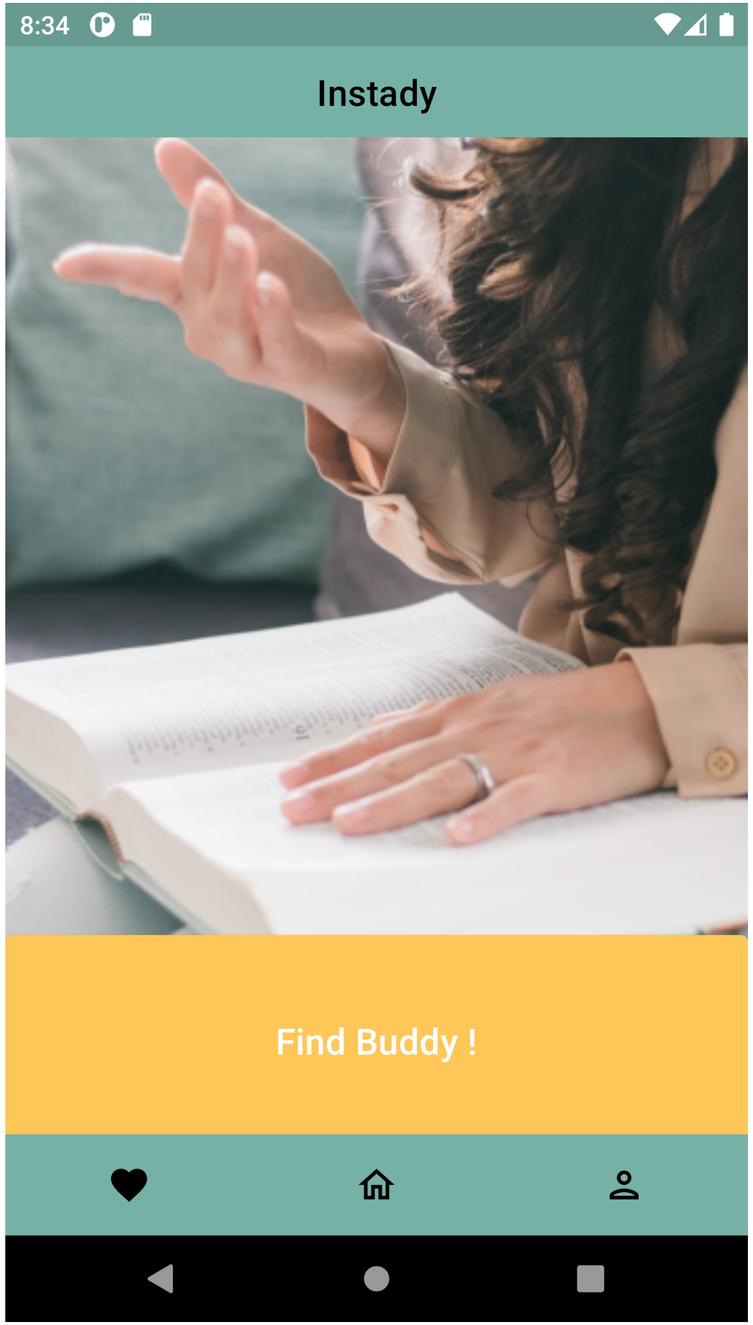


進入Instady動畫

提升使用者體驗，開啟讀書的儀式感！

```
val scale = remember {
    androidx.compose.animation.core.Animatable( initialValue: 0f)
}

LaunchedEffect(key1 = true){  this: CoroutineScope
    scale.animateTo(
        targetValue = 0.3f,
        animationSpec = tween(
            durationMillis = 500,
            easing= {  it: Float
                OvershootInterpolator( tension: 2f).getInterpolation(it)
            }
        )
    )
    delay( timeMillis: 3000L)
    onNavigation()
}
```



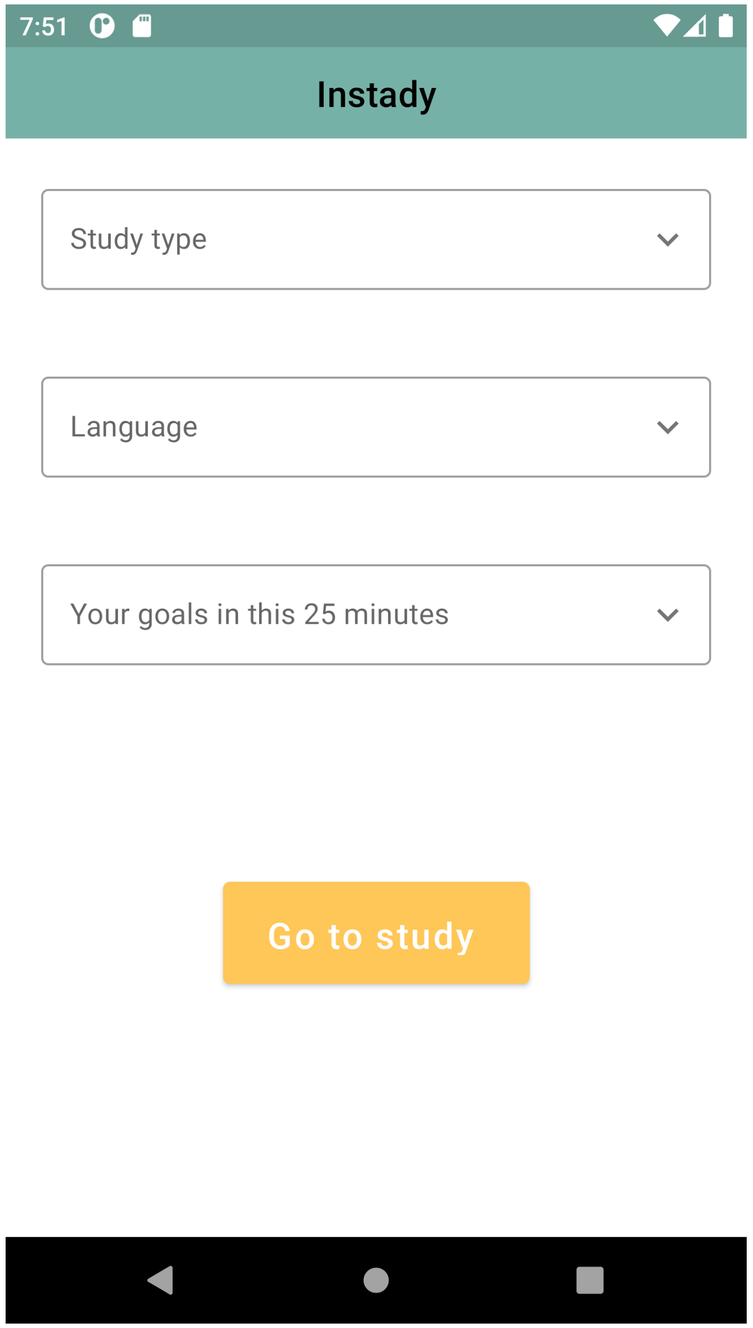
How to hide BottomNavBar ?

Home、Friends、Profile settings

```
class MainActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
            val appState = rememberJetsnackAppState()
            val navController = rememberNavController()
            Scaffold(
                bottomBar = {
                    if (appState.shouldShowBottomBar) {
                        BottomNavigationBar(
                            items = appState.bottomBarTabs,
                            navController = navController,
                            onItemClick = { navController.navigate(it.route)}
                        )
                    }
                },
                scaffoldState = appState.scaffoldState
            ){ it: PaddingValues
                Navigation(navHostController = appState.navController)
            }
```

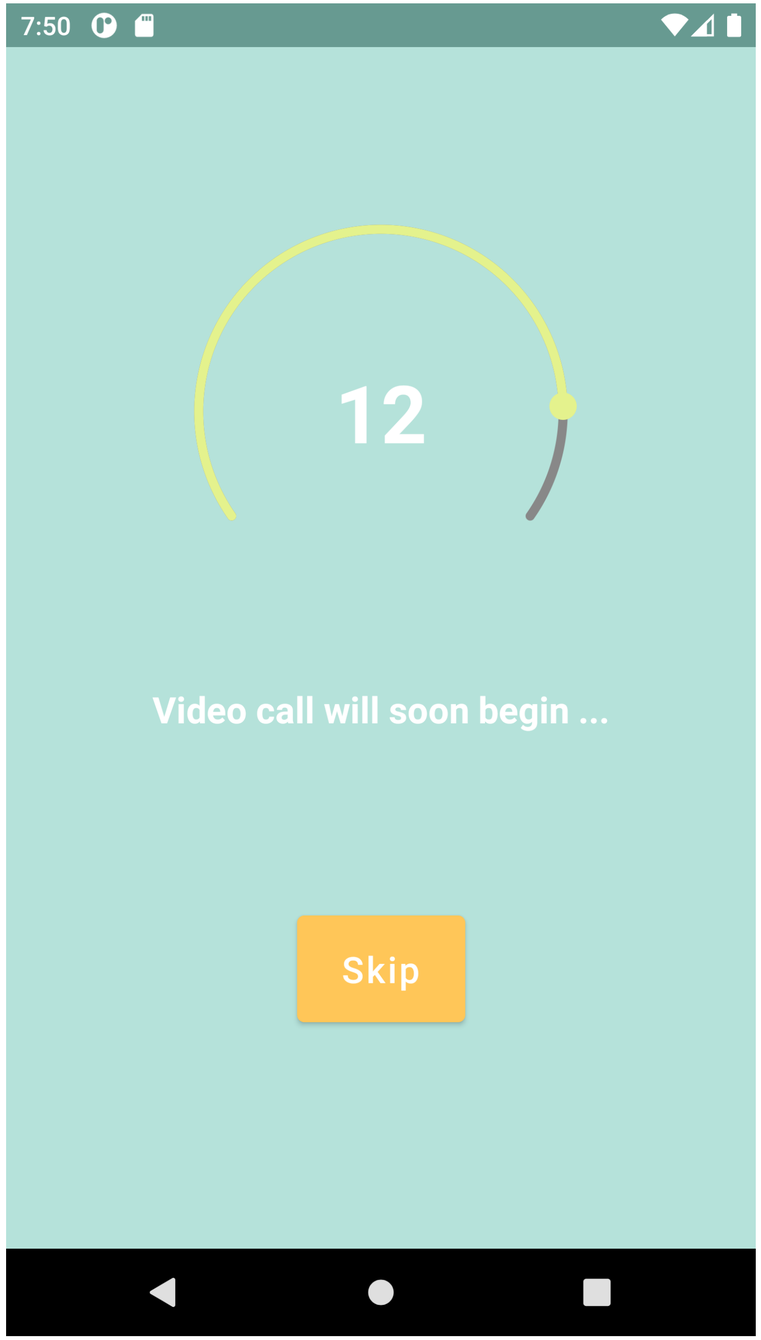
```
val bottomBarTabs = BottomNavItem.values()
private val bottomBarRoutes = bottomBarTabs.map { it.route }

val shouldShowBottomBar: Boolean
    @Composable get() = navController
        .currentBackStackEntryAsState().value?.destination?.route in bottomBarRoutes
```



設定篩選條件

透過篩選讀書型態和一些偏好來達成更舒適的視訊體驗



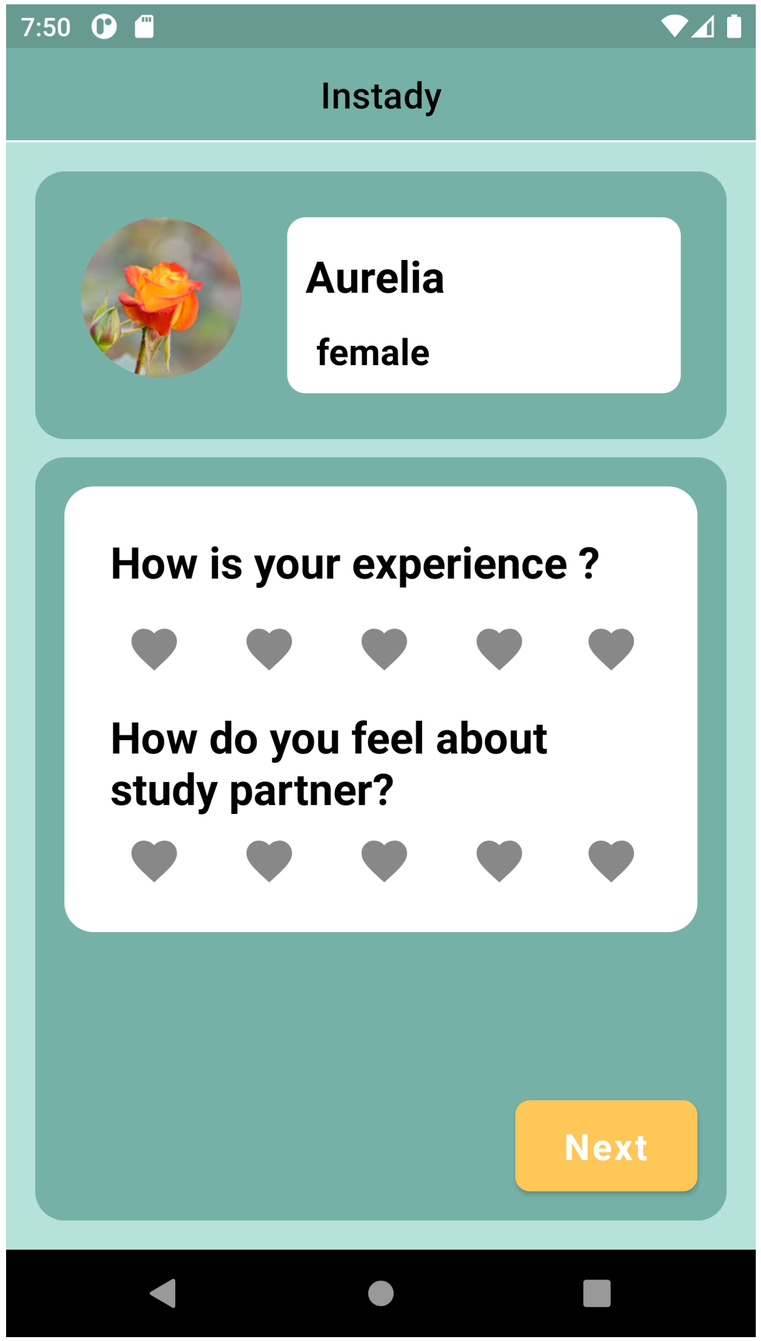
倒數計時

有15秒的緩衝時間可以讓用戶有心理準備

無聲視訊

透過無聲的視訊讓用戶達到不受干擾的視訊體驗。

```
navigator.getUserMedia ({video: true, audio: false})
```



評分介面

最後有簡單的評分機制可以讓整個用戶生態更健康，營造良好口碑吸引更多用戶達成正向循環。

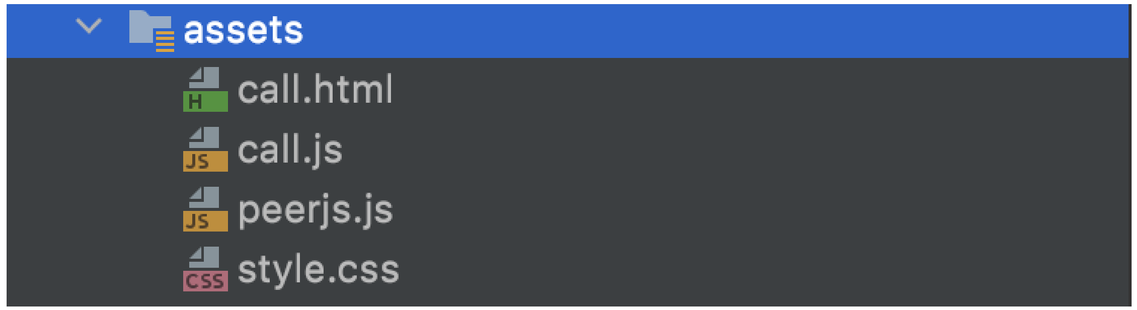
P2P 視訊

透過peerjs可以讓兩個在相同內網的人互相視訊，目前已經在網頁端完成實作，但APP還在努力串接中。

peerjs

WebView

透過 WebView 運行 html、css、js等檔案，呈現視訊的畫面




```javascript
function startCall(otherUserId) {
    navigator.getUserMedia({
        audio: false,
        video: true
    }, (stream) => {

        localVideo.srcObject = stream
        localStream = stream

        const call = peer.call(otherUserId, stream)
        call.on('stream', (remoteStream) => {
            remoteVideo.srcObject = remoteStream

            remoteVideo.className = "primary-video"
            localVideo.className = "secondary-video"
        })

    })
}
```

```javascript
function listen() {
    peer.on('call', (call) => {

        navigator.getUserMedia({
            audio: false,
            video: true
        }, (stream) => {
            localVideo.srcObject = stream
            localStream = stream

            call.answer(stream)
            call.on('stream', (remoteStream) => {
                remoteVideo.srcObject = remoteStream

                remoteVideo.className = "primary-video"
                localVideo.className = "secondary-video"

            })

        })

    })
}
```

FireBase

我們使用Firebase的資料庫作為Instady的後端資料庫，用來達成如使用者管理、隨機配對等功能。

Authentication

可以直接取得用戶基本資料並建立在Realtime Database方便使用用戶資訊。

依電子郵件地址、電話號碼或使用者 UID 搜尋

新增使用者

ID	識別資訊提供者	建立日期	登入日期	使用者 UID
hieshhanson1@gmail.com	G	2022年6月9...	2022年6月9...	XfotygKc3Yfvx2QHWC1YwR2Xqa33

https://strangersvideocall-486cf-default-rtdb.asia-southeast1.firebasedatabase.app

```
https://strangersvideocall-486cf-default-rtdb.asia-southeast1.firebasedatabase.app/
▾ profile
  ▾ 32ql9ckewTKu05IKGK8jYTfsGBp2
    ciyt: "Unkown"
    name: Aurelia
    uID: "32ql9ckewTKu05IKGK8jYTfsGBp2"
```