```
27 import com.example.signinwithgoogle.theme.ComposeGoogleSignInCleanArchitectureTheme
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      import com.example.signinwithgoogle.presentation.sign_in.GoogleAuthUiClient
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           import com.example.signinwithgoogle.presentation.sign_in.SignInViewModel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   import com.example.signinwithgoogle.presentation.profile.ProfileScreen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           import com.example.signinwithgoogle.presentation.sign_in.SignInScreen
                                                                                                                                                                             androidx.activity.compose.rememberLauncherForActivityResult
                                                                                                                                                                                                                                                                                       androidx.activity.result.contract.ActivityResultContracts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             import androidx.lifecycle.compose.collectAsStateWithLifecycle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            import androidx.navigation.compose.rememberNavController
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                import com.google.android.gms.auth.api.identity.Identity
                                                                                                                                                                                                                                                                                                                         androidx.compose.foundation.layout.fillMaxSize
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     androidx.lifecycle.viewmodel.compose.viewModel
                                                                                                                                                                                                                                                    androidx.activity.result.IntentSenderRequest
                                                                                                                                                                                                                                                                                                                                                               androidx.compose.material.MaterialTheme
                                                                                                                                                                                                                                                                                                                                                                                                                                     androidx.compose.runtime.LaunchedEffect
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          androidx.navigation.compose.composable
                                                                                                                                                                                                                androidx.activity.compose.setContent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       androidx.navigation.compose.NavHost
                                                                                                                                          androidx.activity.ComponentActivity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  androidx.lifecycle.lifecycleScope
                                                                                                                                                                                                                                                                                                                                                                                                   import androidx.compose.material.Surface
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        androidx.compose.runtime.getValue
1 package com.example.signinwithgoogle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          androidx.compose.ui.Modifier
                                                                                                        import android.widget.Toast
                                                                   import android.os.Bundle
                                                                                                                                           import
                                                                                                                                                                             import
                                                                                                                                                                                                                                                                                                                                                                                                                                     import
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          import
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    import
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                                                                                                                                                                                                                import
                                                                                                                                                                                                                                                  import
                                                                                                                                                                                                                                                                                       import
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         import
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                16
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                                                                                                  4 6 2 8 8 4 8
```

```
val state by viewModel.state.collectAsStateWithLifecycle
                                                                                                                                                                                                                                                                                                                                                                                                    // A surface container using the 'background' color from the theme
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NavHost(navController = navController, startDestination =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             val viewModel = viewModel<SignInViewModel>()
                                                                                                                                                                                     oneTapClient = Identity.getSignInClient(applicationContext)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   val navController = rememberNavController()
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 color = MaterialTheme.colors.background
                                                                                                                                                                                                                                                                                                                                                                      ComposeGoogleSignInCleanArchitectureTheme {
                                                                                                                                                                                                                                                                                            override fun onCreate(savedInstanceState: Bundle?)
                                                                                                                                                                                                                                                                                                                                                                                                                                                     modifier = Modifier.fillMaxSize(),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   composable("sign_in") {
                                                                                                    private val googleAuthUiClient by lazy {
                                                   30 class MainActivity : ComponentActivity() {
                                                                                                                                                                                                                                                                                                                       super.onCreate(savedInstanceState)
                                                                                                                                                         context = applicationContext,
28 import kotlinx.coroutines.launch
                                                                                                                                GoogleAuthUiClient(
                                                                                                                                                                                                                                                                                                                                               setContent {
                                                                                                                                                         34
                                                                                                                                                                                                              36
                                                                                                                                                                                                                                                                                           39
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```

```
if(googleAuthUiClient.getSignedInUser() != null) {
                                                                                                                                                                                                                            val signInResult = googleAuthUiClient.
                                                                                                                                                                                                                                                                                                                        viewModel.onSignInResult(signInResult)
                                                                                                                                                                                                                                                                intent = result.data ?: return@
                                                                                                               val launcher = rememberLauncherForActivityResult(
                                                                                                                                                                                                                                                                                                                                                                                                                                     LaunchedEffect(key1 = state.isSignInSuccessful)
                                                                                                                                                                                       if(result.resultCode == RESULT_OK) {
                                       navController.navigate("profile")
                                                                                                                                 contract = ActivityResultContracts.
                                                                                                                                                                                                          lifecycleScope.launch {
                                                                                                                                                                                                                                                                                                                                                                                                                                                       if(state.isSignInSuccessful) {
LaunchedEffect(key1 = Unit) {
                                                                                                                                                                    onResult = { result ->
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Toast.makeText(
                                                                                                                                                    StartIntentSenderForResult(),
                                                                                                                                                                                                                                              signInWithIntent(
                                                                                                                                                                                                                                                                                    Launch
                                                                                                                                                                                        63
                                                                                                                                                                                                                                                                                                                                          69
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                                                                                                                                                                                                                                                                                                                       89
 54
                                                                                                                                                                                                                                                                  99
                                                                                                                                 61
```

///	applicationContext,
78	"Sign in successful",
79	Toast.LENGTH_LONG
80	).show()
81	
82	navController.navigate("profile")
83	viewModel.resetState()
84	~~
85	
98	
87	SignInScreen(
88	state = state,
88	onSignInClick = {
06	lifecycleScope.launch {
91	<pre>val signInIntentSender = googleAuthUiClient</pre>
.signIn()	
92	Launcher.launch(
93	IntentSenderRequest.Builder(
76	signInIntentSender ?: return@launch
95	).build()
96	
26	~~
86	~~
66	
100	c4.
101	composable("profile") {
102	ProfileScreen(

userData = googleAuthUiClient.getSignedInUser(),	onSignOut = {	lifecycleScope.launch {	googleAuthUiClient.signOut()	Toast.makeText(	applicationContext,	"Signed out",	Toast.LENGTH_LONG	).show()		navController.popBackStack()	<b>~</b>	<b>~</b>				<b>~</b>						
3	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122			

```
9 // Set of Material typography styles to start with
                                                                                                                 import androidx.compose.ui.text.font.FontFamily
                                                                                                                                            import androidx.compose.ui.text.font.FontWeight
                                                                                                                                                                                                                                                                                                                                                                                                                                     /* Other default text styles to override
                                                       3 import androidx.compose.material.Typography
1 package com.example.signinwithgoogle.theme
                                                                                   import androidx.compose.ui.text.TextStyle
                                                                                                                                                                                                                                                                                                                   fontFamily = FontFamily.Default,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                fontFamily = FontFamily.Default,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               fontFamily = FontFamily.Default,
                                                                                                                                                                                                                                                                                                                                                 fontWeight = FontWeight.Normal,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            fontWeight = FontWeight.Normal,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            fontWeight = FontWeight.W500,
                                                                                                                                                                          import androidx.compose.ui.unit.sp
                                                                                                                                                                                                                                                             10 val Typography = Typography(
                                                                                                                                                                                                                                                                                                                                                                             fontSize = 16.sp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         fontSize = 14.sp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 caption = TextStyle(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         fontSize = 12.sp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       button = TextStyle(
                                                                                                                                                                                                                                                                                          body1 = TextStyle(
                                                                                  4 6 7 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           19
20
```

```
1 package com.example.signinwithgoogle.theme
                                                         3 import androidx.compose.ui.graphics.Color
                                                                              4
5 val Purple200 = Color(0xFFBB86FC)
6 val Purple500 = Color(0xFF6200EE)
7 val Purple700 = Color(0xFF3700B3)
8 val Teal200 = Color(0xFF03DAC5)
```

```
3 import androidx.compose.foundation.shape.RoundedCornerShape
1 package com.example.signinwithgoogle.theme
                                             medium = RoundedCornerShape(4.dp),
                                                                                                                                                             large = RoundedCornerShape(0.dp)
```

```
3 import androidx.compose.foundation.isSystemInDarkTheme
                                                                    import androidx.compose.material.MaterialTheme
                                                                                                                   import androidx.compose.material.lightColors
                                                                                                                                                                                                                                                                                                                                     15 private val LightColorPalette = lightColors(
                                                                                             import androidx.compose.material.darkColors
1 package com.example.signinwithgoogle.theme
                                                                                                                                           import androidx.compose.runtime.Composable
                                                                                                                                                                                        9 private val DarkColorPalette = darkColors(
                                                                                                                                                                                                                                                                                                                                                                                                                                                         /* Other default colors to override
                                                                                                                                                                                                                                         primaryVariant = Purple700,
                                                                                                                                                                                                                                                                                                                                                                                     primaryVariant = Purple700,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                onBackground = Color.Black,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        onSecondary = Color.Black,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 background = Color.White,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       onSurface = Color.Black,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  onPrimary = Color.White,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         surface = Color.White,
                                                                                                                                                                                                                 primary = Purple200,
                                                                                                                                                                                                                                                                                                                                                             primary = Purple500,
                                                                                                                                                                                                                                                                secondary = Teal200
                                                                                                                                                                                                                                                                                                                                                                                                             secondary = Teal200
                                                                                                                                                                                                                                                                                     13
                                                                   19
20
21
22
22
23
24
25
```

```
darkTheme: Boolean = isSystemInDarkTheme(),
              31 fun ComposeGoogleSignInCleanArchitectureTheme(
                                               content: @Composable () -> Unit
                                                                              val colors = if (darkTheme) {
                                                                                                                                                                                                                   typography = Typography,
                                                                                                                               LightColorPalette
                                                                                                                                                                                                                                                     content = content
                                                                                              DarkColorPalette
} else {
                                                                                                                                                                                                                                    shapes = Shapes,
                                                                                                                                                                                                   colors = colors,
                                                                                                                                                                                   MaterialTheme(
30 @Composable
                                                                                                 36
                                                                                                                                 38
                                                                                                                                                                 40
                                                                                                                                                 39
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                                                                                                                                                                                                                                    44
                                                                                                                                                                                   41
```

```
import com.example.signinwithgoogle.presentation.sign_in.UserData
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Alignment.CenterHorizontally
1 package com.example.signinwithgoogle.presentation.profile
                                                                                       import androidx.compose.foundation.shape.CircleShape
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              verticalArrangement = Arrangement.Center,
                                                                                                                                                                                                                                                                                                                                 import androidx.compose.ui.text.font.FontWeight
                                                                                                                                                                                                                                                                                                                                                                import androidx.compose.ui.text.style.TextAlign
                                                                                                                                                                                                                                                                                                      import androidx.compose.ui.layout.ContentScale
                                                         import androidx.compose.foundation.layout.*
                                                                                                                                                                                androidx.compose.runtime.Composable
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               modifier = Modifier.fillMaxSize(),
                                                                                                                      androidx.compose.material.Button
                                                                                                                                                 import androidx.compose.material.Text
                                                                                                                                                                                                                                                                       import androidx.compose.ui.draw.clip
                                                                                                                                                                                                           androidx.compose.ui.Alignment
                                                                                                                                                                                                                                       import androidx.compose.ui.Modifier
                                                                                                                                                                                                                                                                                                                                                                                            import androidx.compose.ui.unit.dp
                                                                                                                                                                                                                                                                                                                                                                                                                        import androidx.compose.ui.unit.sp
                                                                                                                                                                                                                                                                                                                                                                                                                                                      import coil.compose.AsyncImage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           horizontalAlignment =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  onSignOut: () -> Unit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       userData: UserData?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           fun ProfileScreen(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                @Composable
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Column(
                                                                                                                   import
                                                                                                                                                                             import
                                                                                                                                                                                                         import
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               19
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                                                                                                                                                                                                                                                                      10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            20
                                                                                   7 2 2 7
```

```
contentDescription = "Profile picture",
                                                                                                                                                                      Spacer(modifier = Modifier.height(16.dp))
                                                                                                                                                                                                                                                                                                                                               Spacer(modifier = Modifier.height(16.dp))
                                   model = userData.profilePictureUrl,
if(userData?.profilePictureUrl != null) {
                                                                                                                                  contentScale = ContentScale.Crop
                                                                                                                                                                                                                                                                                                          fontWeight = FontWeight.SemiBold
                                                                                                                                                                                                                                                                      textAlign = TextAlign.Center,
                                                                                                                                                                                                                                               text = userData.username,
                                                                                                                                                                                                          if(userData?.username != null) {
                                                                                                               .clip(CircleShape),
                                                                                                                                                                                                                                                                                                                                                                                  Button(onClick = onSignOut) {
                                                                           modifier = Modifier
                                                                                                                                                                                                                                                                                                                                                                                                      Fext(text = "Sign out")
                                                                                                                                                                                                                                                                                      fontSize = 36.sp,
                                                                                             .size(150.dp)
                    AsyncImage(
                                                                                                                                                                                                            40
                                                                                                                                                                                                                                                                                                        45
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                                                                                                                                                                                                                                                                                                                                                                                                                          51
                                                                                                                                                                                                                                41
```

```
1 package com.example.signinwithgoogle.presentation.sign_in
2
                                                                                                                                                                                                                                     val profilePictureUrl: String?
                                                                                         val errorMessage: String?
                                                                                                                                                                                                            val username: String?,
                                            3 data class SignInResult(
                                                                     val data: UserData?,
                                                                                                                                                                                    val userId: String,
                                                                                                                                                         8 data class UserData(
9 val userId: Stri
                                                                                                                                                                                                             10
```

```
1 package com.example.signinwithgoogle.presentation.sign_in
                                                                                                                             import androidx.compose.foundation.layout.fillMaxSize
                                                                                                                                                             import androidx.compose.foundation.layout.padding
                                                                                                                                                                                                                                                                                                                                                                                         import androidx.compose.ui.platform.LocalContext
                                                                                                                                                                                                                                                                                            import androidx.compose.runtime.LaunchedEffect
                                                                                              import androidx.compose.foundation.layout.Box
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LaunchedEffect(key1 = state.signInError)
                                                                                                                                                                                                                                                            import androidx.compose.runtime.Composable
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            state.signInError?.let { error ->
                                                                                                                                                                                         import androidx.compose.material.Button
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          val context = LocalContext.current
                                                                                                                                                                                                                          import androidx.compose.material.Text
                                                                                                                                                                                                                                                                                                                             import androidx.compose.ui.Alignment
                                                                                                                                                                                                                                                                                                                                                            import androidx.compose.ui.Modifier
                                                                                                                                                                                                                                                                                                                                                                                                                              import androidx.compose.ui.unit.dp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Toast.LENGTH_LONG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             onSignInClick: () -> Unit
                                                              import android.widget.Toast
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Toast.makeText(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            context,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             state: SignInState,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             error,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              fun SignInScreen(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            16 @Composable
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           20
                                                                                            4 6 7 7
```

).show()	{	<b>~</b> 4~		Box(	modifier = Modifier	.fillMaxSize()	.padding(16.dp),	contentAlignment = Alignment.Center	<b>)</b> {	<pre>Button(onClick = onSignInClick) {</pre>	- 11		٠,							
28	29	30	31	32	33	34	35	36	37	38	39	40	41	42 }						

```
1 package com.example.signinwithgoogle.presentation.sign_in
                                                                                                                                                                                                                               private val _state = MutableStateFlow(SignInState())
                                                                                                                                                                                                                                                                                                                                                                isSignInSuccessful = result.data != null,
                                                                       import kotlinx.coroutines.flow.MutableStateFlow
                                                                                                                                                                                                                                                                                                            fun onSignInResult(result: SignInResult) {
                                                                                                                                                                                                                                                                                                                                                                                             signInError = result.errorMessage
                                                                                                    import kotlinx.coroutines.flow.asStateFlow
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           _state.update { SignInState() }
                                                                                                                            import kotlinx.coroutines.flow.update
                                                                                                                                                                               class SignInViewModel: ViewModel() {
                                                                                                                                                                                                                                                          val state = _state.asStateFlow()
                                               3 import androidx.lifecycle.ViewModel
                                                                                                                                                                                                                                                                                                                                        _state.update { it.copy(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                fun resetState() {
                                                                       7 2 2 2
                                                                                                                                                                               \infty
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    19
20
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                                                                                                                                                                                                                                                                                                                                                                                                                 17
                                                                                                                                                                                                                                                                                                                                                                                                                                            18
```

```
private val context: Context, private val oneTapClient: SignInClient
                                                                                                                                                                                                                                   import com.google.android.gms.auth.api.identity.BeginSignInRequest.
                                                                                                                                                                                                    import com.google.android.gms.auth.api.identity.BeginSignInRequest
                                                                                                                                                                                                                                                                                                        import com.google.android.gms.auth.api.identity.SignInClient
1 package com.example.signinwithgoogle.presentation.sign_in
                                                                                                                                                                                                                                                                                                                                             import com.google.firebase.auth.GoogleAuthProvider
                                                                                                                                                                                                                                                                                                                                                                                                                                              import kotlinx.coroutines.CancellationException
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            suspend fun signIn(): IntentSender? {
                                                                                                                                                                                                                                                                                                                                                                                import com.google.firebase.auth.ktx.auth
                                                                                                                                                                                                                                                                                                                                                                                                                  import com.google.firebase.ktx.Firebase
                                                                                                                                                                       import com.example.signinwithgoogle.R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 import kotlinx.coroutines.tasks.await
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              oneTapClient.beginSignIn(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          private val auth = Firebase.auth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    buildSignInRequest()
                                                                                                                                     import android.content.IntentSender
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      } catch (e: Exception) {
                                                                import android.content.Context
                                                                                                  import android.content.Intent
                                                                                                                                                                                                                                                                           GoogleIdTokenRequestOptions
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 val result = try {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    16 class GoogleAuthUiClient(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ).await()
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         18 ) {
                                                                                                                                                                                                                                                                                                                                                10
                                                                                             7 9 2 8
```

```
googleCredentials = GoogleAuthProvider.getCredential(googleIdToken, null
                                                                                                                                                                                                                                                                                                                                                  val user = auth.signInWithCredential(googleCredentials).await().user
                                                                                                                                                                                                              val credential = oneTapClient.getSignInCredentialFromIntent(intent)
                                                                                                                                                                                     suspend fun signInWithIntent(intent: Intent): SignInResult {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              profilePictureUrl = photoUrl?.toString()
                                                                                                                                                                                                                                         val googleIdToken = credential.googleIdToken
                         if (e is CancellationException) throw e
                                                                                                       return result?.pendingIntent?.intentSender
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          if (e is CancellationException) throw
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      username = displayName,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  }, errorMessage = null
                                                                                                                                                                                                                                                                                                                                                                                                                                                          userId = uid,
                                                                                                                                                                                                                                                                                                                                                                                                      data = user?.run {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  } catch (e: Exception) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 e.printStackTrace()
e.printStackTrace(
                                                                                                                                                                                                                                                                                                                                                                                                                                 UserData(
                                                                                                                                                                                                                                                                                                                                                                           SignInResult(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SignInResult(
                                                                                                                                                                                                                                                                                                                     return try {
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setServerClientId(context.getString(R.string.web_client_id)).build
                                                                                                                                                                                                                                                                                                                                                                                                                                  userId = uid, username = displayName, profilePictureUrl = photoUrl?.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        return BeginSignInRequest.Builder().setGoogleIdTokenRequestOptions(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GoogleIdTokenRequestOptions.builder().setSupported(true)
                                                                                                                                                                                                                                                                                                                                                                                fun getSignedInUser(): UserData? = auth.currentUser?.run {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              private fun buildSignInRequest(): BeginSignInRequest {
data = null, errorMessage = e.message
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       .setFilterByAuthorizedAccounts(false)
                                                                                                                                                                                                                                                                               if (e is CancellationException) throw e
                                                                                                                                                                        oneTapClient.signOut().await()
                                                                                                                                                                                                                           } catch (e: Exception) {
                                                                                                                                                                                                                                                     e.printStackTrace()
                                                                                                                         suspend fun signOut() {
                                                                                                                                                                                                 auth.signOut()
                                                                                                                                                                                                                                                                                                                                                                                                            UserData(
                                                                                                                                                                                                                                                                                                                                                                                                                                                             toString()
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).setAutoSelectEnabled( <b>true</b> ).build()	
).setAutoSelectEna	
78 () 79 80 } 81 }	