

- Add this : `implementation("androidx.navigation:navigation-compose:2.7.6")`
- `val navController = rememberNavController()`  
`NavHost(navController = navController, startDestination = "SignUpScreen" ){`  
`}`
- Then create two composables for the SignUp and LoginScreens inside the navHost
- Then pass the navController to the Login and SignUp Screen ...
- Then use `NavController.navigate(" ")` inside of the clickableTextComponent ....

- Add this : `implementation("com.google.firebase:firebase-auth")`
- Go to Firebase and do all the steps as required ...
- Create a class:

```
class FireBase: Application() {
    override fun onCreate() {
        super.onCreate()
        FirebaseApp.initializeApp(this)
    }
}
```

- Add this class to Android Manifest File: `android:name=".FireBase"`
- Create a function for SignUp:

```
fun createUserInFirebase() {
    FirebaseAuth.getInstance().createUserWithEmailAndPassword(" "," ")
}
```

- For the LoginScreen inside the onClick of the loginButton :

```
FirebaseAuth.getInstance().signInWithEmailAndPassword(" "," ").addOnCompleteListener {
    task->
    if(task.isSuccessful){
        navController.navigate("HomeScreen")
    }else{
        Toast.makeText(context, "Authentication failed.", Toast.LENGTH_SHORT).show()
    }
}
```

- Make a Home Screen like this :

```
@Composable
fun HomeScreen(){
    Column(
        Modifier
            .fillMaxSize()
            .background(brush = Brush.verticalGradient(colors = listOf(colorPrimary, colorSecondary))),
        verticalArrangement = Arrangement.Center,
        horizontalAlignment = Alignment.CenterHorizontally
    ){
        Text(text = "Welcome : \n${FirebaseAuth.getInstance().currentUser?.email}", fontSize = 30.sp,
            textAlign = TextAlign.Center)
    }
}
```