Assignment 1

Group 2

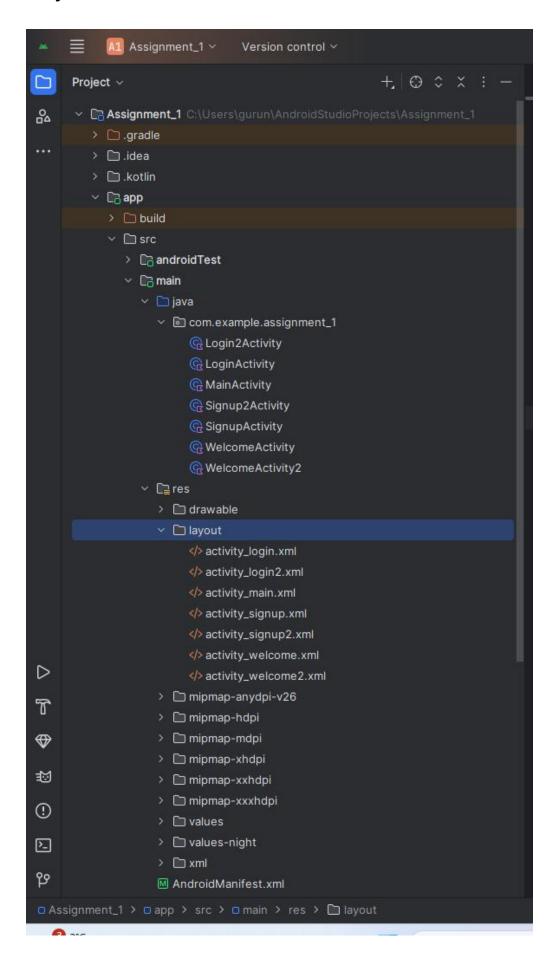
Computer Programming, Georgian@ILAC

COMP 3025: Mobile and Pervasive Computing

Mr. Youssef Rizk

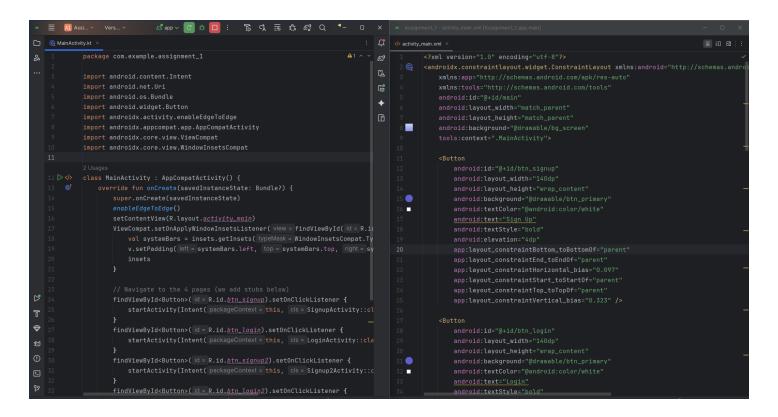
October 27, 2025

Project Structure

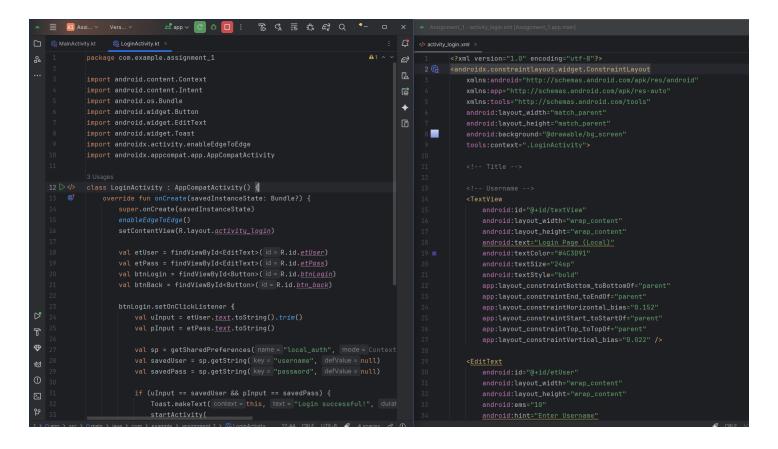


Kotlin files and respective XML files (Activity)

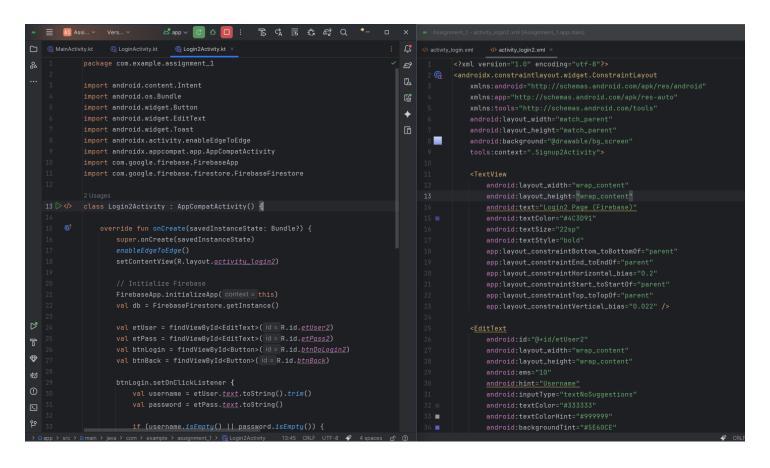
1. Main Page



2. Login Page (Local)



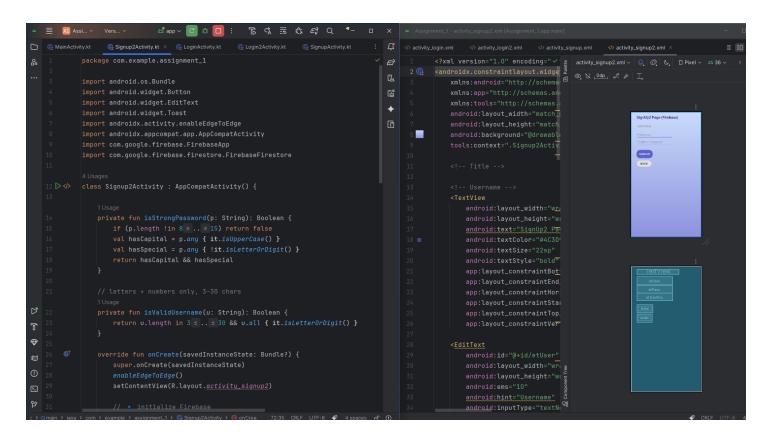
3. Login2 Page (Firebase)



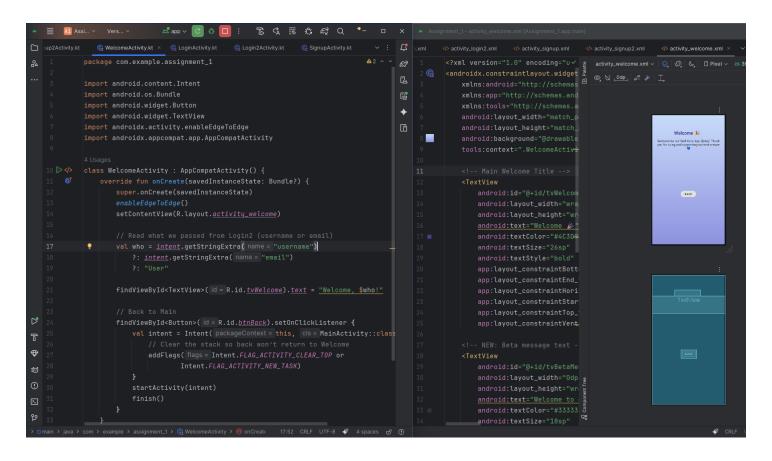
4. Signup Page (Local)

```
市 存 丟 永 殿 久
            package com.example.assignment_1
                                                                                                     <?xml version="1.0" encoding="utf-8"?>
                                                                                         ß
            import android.content.Context
                                                                                         +
                                                                                                             android:layout_width="wrap_content"
            class SignupActivity : AppCompatActivity() {
                override fun onCreate(savedInstanceState: Bundle?) {
T
                                                                                                             android:id="@+id/etUser"
₩
                    btnSignup.setOnClickListener {
a⊠l
                        val confirm = etConfirm.text.toString()
                        if (username.isEmpty() || password.isEmpty() || confirm.isEmpty()
```

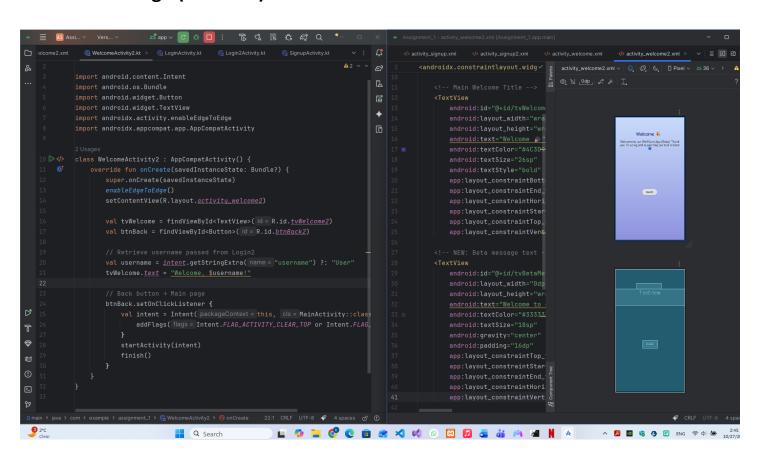
5. Signup2 Page (Firebase)



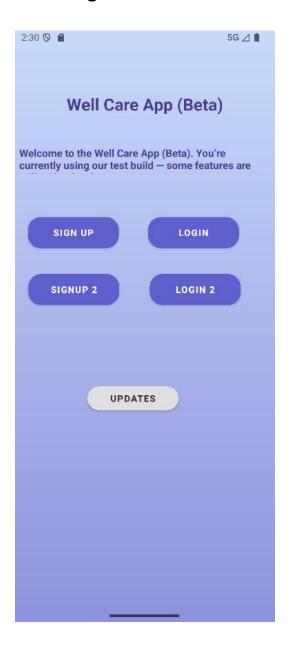
6. Welcome Page (Local)



7. Welcome Page (Firebase)



Main Page



Signup Page (Local)

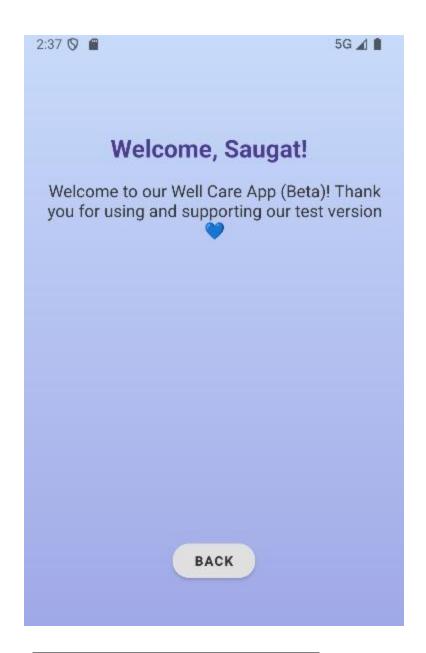
2:31 ♥ ■ SignUp Page (Local)
Saugat
······
SIGN UP
BACK
When signing up, it will save locally in our computer

Signup successful! Saved locally.

Login Page (Local)

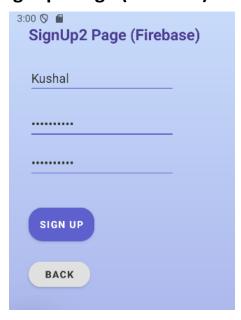
Login Page (Local) Saugat LOGIN BACK

Welcome Page (Local)

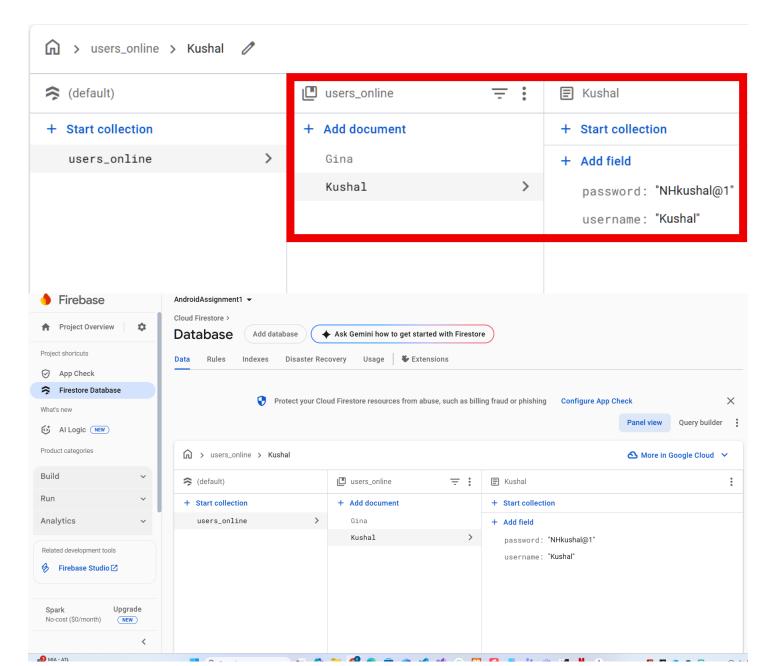


After successful login, it will lead to Welcome Page

Signup2 Page (Firebase)



When signing up, the username and password will be saved on our Firebase database



Login2 Page (Firebase)

