package com.project.womensafety.presentationLayer.commonView

import android.Manifest

import android.annotation.SuppressLint

import android.content.pm.PackageManager

import android.graphics.Color

import android.location.Geocoder

import android.os.Build

import android.os.Bundle

import android.view.LayoutInflater

import android.view.View

import android.view.ViewGroup

import android.view.WindowManager

import androidx.core.app.ActivityCompat

import androidx.fragment.app.Fragment

import com.google.android.gms.location.LocationServices

import com.google.android.gms.maps.model.LatLng

import com.google.android.material.textfield.TextInputEditText

import com.project.womensafety.R

import com.project.womensafety.dataLayer.interaction.InteractionView

import com.project.womensafety.databinding.SignUpBinding

import com.project.womensafety.responsiveLayer.RetrofitC

import kotlinx.coroutines.CoroutineScope

import kotlinx.coroutines.Dispatchers.IO

import kotlinx.coroutines.Dispatchers.Main

import kotlinx.coroutines.async

import kotlinx.coroutines.withContext

class SignUp : Fragment() {

private val bind by lazy {

SignUpBinding.inflate(layoutInflater)

}

private val fused by lazy {

LocationServices.getFusedLocationProviderClient(requireActivity())

}

private val p by lazy {

CommonClass(requireContext()).p

}

private val interactionView by lazy {

(activity as InteractionView)

}

@SuppressLint("ResourceAsColor")

override fun onCreateView(

inflater: LayoutInflater,

container: ViewGroup?,

savedInstanceState: Bundle?,

): View {

requireActivity().window.statusBarColor= requireContext().getColor( R.color.thick)

bind.loginBtn.setOnClickListener {

bind.errorShower.text = ""

val name = bind.name.text.toString().trim()

val mobile = bind.mobile.text.toString().trim()

val password = bind.password.text.toString().trim()

if (name.isEmpty()) {

requestFocus(inputEditText = bind.name, "Please enter your Name")

} else if (mobile.isEmpty()) {

requestFocus(inputEditText = bind.mobile, "Please enter your Mobile number")

} else if (password.isEmpty()) {

requestFocus(inputEditText = bind.password, "Please enter your Password")

} else if (mobile.length != 10) {

requestFocus(inputEditText = bind.mobile, "Please enter a valid mobile number")

} else {

showMeWhereAreYou()

}

}

bind.loginPage.setOnClickListener {

interactionView.changeView(string = "Changer")

}

return bind.root

}

private fun showMeWhereAreYou() {

if (ActivityCompat.checkSelfPermission(

requireContext(),

Manifest.permission.ACCESS\_FINE\_LOCATION

) != PackageManager.PERMISSION\_GRANTED && ActivityCompat.checkSelfPermission(

requireContext(),

Manifest.permission.ACCESS\_COARSE\_LOCATION

) != PackageManager.PERMISSION\_GRANTED

) {

requireActivity().requestPermissions(

arrayOf(

Manifest.permission.ACCESS\_FINE\_LOCATION,

Manifest.permission.ACCESS\_COARSE\_LOCATION

), 2

)

return

}

p.show()

fused.lastLocation.addOnSuccessListener { it ->

if(it==null){

p.dismiss()

}

it?.let {

CoroutineScope(IO).async {

async {

try {

RetrofitC.api.users(

name = bind.name.text.toString(),

mobile = bind.mobile.text.toString(),

password = bind.password.text.toString(),

location = "${it.latitude},${it.longitude}"

)

} catch (e: Exception) {

withContext(Main) {

p.dismiss()

bind.errorShower.text == e.message

}

null

}

}.await().let {

withContext(Main) {

it?.body()?.message?.let {

showToast(it)

if (it == "Success") {

interactionView.changeView(string = "Changer")

}

}

p.dismiss()

}

}

}.start()

}

}.addOnFailureListener {

p.dismiss()

bind.errorShower.text = it.message

}

}

private fun requestFocus(inputEditText: TextInputEditText, string: String) {

inputEditText.requestFocus()

bind.errorShower.text = string

requireActivity().window.setSoftInputMode(WindowManager.LayoutParams.SOFT\_INPUT\_MODE\_CHANGED)

}

}