Name – Rohan Makhija

Reg. No. – 20BCE1846

ANDROID DEVELOPMENT WITH KOTLIN

WEEK 2 – ASSIGNMENT

BLOOD BANK APPLICATION

CODE:

Donor Details.kt -

```
inflater: LayoutInflater, container: ViewGroup?,
savedInstanceState: Bundle?
db= FirebaseFirestore.getInstance()
    if(checking()){
        val name=name.text.toString()
        val bgroup=bgroup.text.toString()
        val Donors=db.collection("DONORS")
```

MainActivity.kt -

```
package com.example.blooddonationapp
import androidx.appcompat.app.AppCompatActivity
import androidx.navigation.NavController
class MainActivity : AppCompatActivity() {
    private lateinit var navController: NavController
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)
    }
}
```

ListofDonors.kt -

```
package com.example.blooddonationapp
import android.os.Bundle
import android.util.Log
import androidx.fragment.app.Fragment
import android.view.LayoutInflater
import android.view.View
import android.view.View
import android.view.ViewGroup
import androidx.navigation.fragment.findNavController
import androidx.navigation.fragment.findNavController
import androidx.recyclerview.widget.LinearLayoutManager
import androidx.recyclerview.widget.RecyclerView
import com.google.firebase.firestore.*
import kotlinx.android.synthetic.main.donor_card.*
import kotlinx.android.synthetic.main.fragment_list_of_donors.view.*
class ListOfDonors : Fragment() {
    private lateinit var recyclerView: RecyclerView
    private lateinit var donorarraylist: ArrayList<donor>
    private lateinit var donorarraylist: ArrayList<donor>
    private lateinit var db: FirebaseFirestore
    override fun onCreate(savedInstanceState: Bundle?) {
```

```
private fun EventChangeListener() {
                        error.message.toString()
                            dc.document.toObject(
```

LoginScreen.kt -

```
package com.example.blooddonationapp
import android.os.Bundle
import androidx.fragment.app.Fragment
```

```
override fun onCreate(savedInstanceState: Bundle?) {
    super.onCreate(savedInstanceState)
    savedInstanceState: Bundle?
        if (checking()) {
            val email=email.text.toString()
            val password=password.text.toString()
private fun checking(): Boolean {
    if(email.text.toString().trim { it<=' ' }.isNotEmpty()</pre>
```

Existing Login.kt-

```
Import androidx.navigation.fragment.findNavController
import com.google.firebase.auth.FirebaseAuth
import com.google.firebase.firestore.FirebaseFirestore
   private lateinit var auth:FirebaseAuth
   override fun onCreate(savedInstanceState: Bundle?) {
       super.onCreate(savedInstanceState)
   override fun onCreateView(
           if (checking()){
               val password=password.text.toString()
                val phone=phone.text.toString()
                            task->
                        if(task.isEmpty) {
                                .addOnCompleteListener(requireActivity()) {
                                        task->
```

ThankYou.kt -

```
savedInstanceState: Bundle?
): View? {
    // Inflate the layout for this fragment
    return inflater.inflate(
        R.layout.fragment_thankyou,
        container,
        false
    }
}

companion object {
    /**
    * Use this factory method to create a new instance of
    * this fragment using the provided parameters.
    *
    * @param paraml Parameter 1.
    * @param param2 Parameter 2.
    * @return A new instance of fragment thankyou.
    */
    // TODO: Rename and change types and number of parameters
    @JVmStatic
    fun newInstance(
        param1: String,
        param2: String
) =
        thankyou().apply {
            arguments = Bundle().apply {
                putString(ARG_PARAM1, param1)
                      putString(ARG_PARAM2, param2)
                      }
        }
}
```

OUTPUT SCREENSHOT –

