

WalmartStore > app > src > main > java > com > miu > walmartstore > RegisterActivity > onCreate

Android > User.kt > MainActivity.kt > RegisterActivity.kt > activity_main.xml > Pixel_3a_API_33_x86_64

Gradle > Device Manager > Emulator > Pixel 3a API 33 x86 64

1 package com.miu.walmartstore

2

3 import android.app.Activity

4 import androidx.appcompat.app.AppCompatActivity

5 import android.os.Bundle

6 import android.widget.Toast

7 import kotlinx.android.synthetic.main.activity_register.*

8

9 class RegisterActivity : AppCompatActivity() {

10 override fun onCreate(savedInstanceState: Bundle?) {

11 super.onCreate(savedInstanceState)

12 setContentView(R.layout.activity_register)

13

14 btnCreateAccount.setOnClickListener { it: View!

15 val result = User(userFirstName.text.toString(), userL

16

17 val registerIntent = intent

18 registerIntent.putExtra(name: "user", result)

19 setResult(Activity.RESULT_OK, registerIntent)

20

21 Toast.makeText(context: this, text: "Account created succ

22 finish()

23 }

24 }

25

26 override fun onBackPressed() {

27 setResult(Activity.RESULT_CANCELED)

28 finish()

29 }

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WalmartStore > app > src > main > java > com > miu > walmartstore > MainActivity > onCreate

Project

- app
 - manifests
 - AndroidManifest.xml
 - java
 - com.miu.walmartstore
 - MainActivity
 - RegisterActivity
 - ShoppingCategoryActivity
 - User
 - com.miu.walmartstore
 - com.miu.walmartstore
 - java (generated)
 - res
 - drawable
 - beauty.jpg
 - clothing.jpg
 - electronic.jpg
 - food.jpg
 - ic_launcher
 - ic_launcher
 - logo.png
 - layout
 - activity_main
 - activity_register
 - activity_shopping_category
 - mipmap
 - ic_launcher
 - ic_launcher
 - values
 - xml
- Gradle Scripts
 - build.gradle (Project)
 - build.gradle (Module)
 - gradle-wrapper.properties
 - proguard-rules.pro
 - gradle.properties
 - settings.gradle (Project)
 - local.properties

Resource Manager

Structure

Bookmarks

Build Variants

MainActivity.kt

```
47: val newUser = User()
48: userArray.add(newUser)
49: }
50: }
51: else{
52:     Toast.makeText(context, this, text: "Fail to get Result!", Toast.LENGTH_LONG)
53: }
54: }
55: }
56: }
57: createBtn.setOnClickListener { it: View!
58:     val intent = Intent(packageContext, this, RegisterActivity::class.java)
59:     resultContracts.launch(intent)
60: }
61: }
62: //Implementation of task 6
63: forgetPasswordTextView.setOnClickListener { it: View!
64:     val email = userEmail.text.toString()
65:     var pwd : String? = ""
66:     for(user in userArray){
67:         if(user.userName == email){
68:             pwd = user.password
69:             break
70:         }
71:     }
72: }
73: if(pwd != ""){
74:     //send email implicit intent when forget password clicked
75:     val emailIntent = Intent(Intent.ACTION_SENDTO, Uri.fromParts("mailto:", email, null))
76:     emailIntent.putExtra(Intent.EXTRA_SUBJECT, "Walmart Store Account")
77:     emailIntent.putExtra(Intent.EXTRA_TEXT, "Your password is: $pwd")
78:     startActivity(Intent.createChooser(emailIntent, "Send email..."))
79: }else{
80:     Toast.makeText(context, this, text: "User Not Found!", Toast.LENGTH_LONG)
81: }
82: }
83: }
84: }
85: }
86: }
```

Emulator: Pixel 3a API 33 x86_64

WalmartStore

Create your account

* required field

First name*

Last name*

Email address*

Password*

CREATE ACCOUNT

Emulator

Device File Explorer

WalmartStore - MainActivity.kt [WalmartStore.app.main]

File Edit View Navigate Code Refactor Build Run Tools VCS Window Help

WalmartStore > app > src > main > java > com > miu > walmartstore > MainActivity > onCreate

Pixel_3a_API_33_x86_64

User.kt MainActivity.kt activity_main.xml activity_shopping_category.xml

Emulator: Pixel 3a API 33 x86 64

Gradle Device Manager

app

- manifests
- AndroidManifest.xml
- java
 - com.miu.walmartstore
 - MainActivity
 - RegisterActivity
 - ShoppingCategoryActivity
 - User
 - com.miu.walmartstore.generated
 - res
 - drawable
 - beauty.jpg
 - clothing.jpg
 - electronic.jpg
 - food.jpg
 - ic_launcher
 - ic_launcher
 - logo.png
 - layout
 - activity_main
 - activity_register
 - activity_shopping_category
 - mipmap
 - ic_launcher
 - ic_launcher
 - values
 - xml
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- Gradle Scripts
 - build.gradle (Project)
 - build.gradle (Module)
 - gradle-wrapper.properties
 - proguard-rules.pro
 - gradle.properties
 - settings.gradle (Project)
 - local.properties

```
49 val newUser = temp as User
50 userArray.add(newUser)
51 }
52 else{
53     Toast.makeText( context: this, text: "Fail to get Result!", Toast.LENGTH_LONG)
54 }
55 }
56 }
57 createBtn.setOnClickListener{ it: View!
58     val intent = Intent( packageContext: this, RegisterActivity::class.java)
59     resultContracts.launch(intent)
60 }
61 }
62 //Implementation of task 6
63 forgetPasswordTextView.setOnClickListener{ it: View!
64     val email = userEmail.text.toString()
65     var pwd : String? = ""
66     for(user in userArray){
67         if(user.userName == email){
68             pwd = user.password
69             break
70         }
71     }
72     if(pwd != ""){
73         //send email implicit intent when forget password clicked
74         val emailIntent = Intent(Intent.ACTION_SENDTO, Uri.fromParts( "mailto:", email, ""))
75         emailIntent.putExtra(Intent.EXTRA_SUBJECT, "Walmart Store Account")
76         emailIntent.putExtra(Intent.EXTRA_TEXT, "Your password is: $pwd")
77         startActivity(Intent.createChooser(emailIntent, "Send email..."))
78     }else{
79         Toast.makeText( context: this, text: "User Not Found!", Toast.LENGTH_LONG)
80     }
81 }
82 }
83 }
84 }
85 }
86 }
```

Walmart

Create your account

* required field

First name*

Mbanyick

Last name*

Joof

Email address*

mjoof@test.com

Password*

.....

q w e r t y u i o p

a s d f g h j k l

z x c v b n m

?123 , .

1:1

Emulator Device File Explorer

almartStore > app > src > main > java > com > miu > walmartstore > MainActivity > onCreate

User.kt x MainActivity.kt x activity_main.xml x activity_shopping_category.xml x

Emulator: Pixel 3a API 33 x86_64

app

manifests

AndroidManifest.xml

java

com.miu.walmartstore

MainActivity.kt

RegisterActivity.kt

ShoppingCategoryActivity.kt

User.kt

com.miu.walmartstore

com.miu.walmartstore

java (generated)

res

drawable

beauty.jpg

clothing.jpg

electronic.jpg

food.jpg

ic_launcher

ic_launcher

logo.png

layout

activity_main.xml

activity_register.xml

activity_shopping_category.xml

mipmap

ic_launcher

ic_launcher

values

xml

res (generated)

Gradle Scripts

build.gradle (Project)

build.gradle (Module)

gradle-wrapper.properties

proguard-rules.pro

gradle.properties

settings.gradle (Project)

local.properties

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```
val newUser = temp as User
userArray.add(newUser)
}
else{
    Toast.makeText(context: this, text: "Fail to get Result!", Toast.LENGTH_LONG)
}
}
createBtn.setOnClickListener{ it: View!
    val intent = Intent(packageContext: this, RegisterActivity::class.java)
    resultContracts.launch(intent)
}
}
//Implementation of task 6
forgetPasswordTextView.setOnClickListener{ it: View!
    val email = userEmail.text.toString()
    var pwd : String? = ""
    for(user in userArray){
        if(user.userName == email){
            pwd = user.password
            break
        }
    }
    if(pwd != ""){
        //send email implicit intent when forget password clicked
        val emailIntent = Intent(Intent.ACTION_SENDTO, Uri.fromParts("mailto:", email, null, null))
        emailIntent.putExtra(Intent.EXTRA_SUBJECT, "Walmart Store Account")
        emailIntent.putExtra(Intent.EXTRA_TEXT, "Your password is: $pwd")
        startActivity(Intent.createChooser(emailIntent, "Send email..."))
    }else{
        Toast.makeText(context: this, text: "User Not Found!", Toast.LENGTH_LONG)
    }
}
```

3:28

WalmartStore



Create your account

* required field

First name*

Mbanyick

Last name*

Joof

Email address*

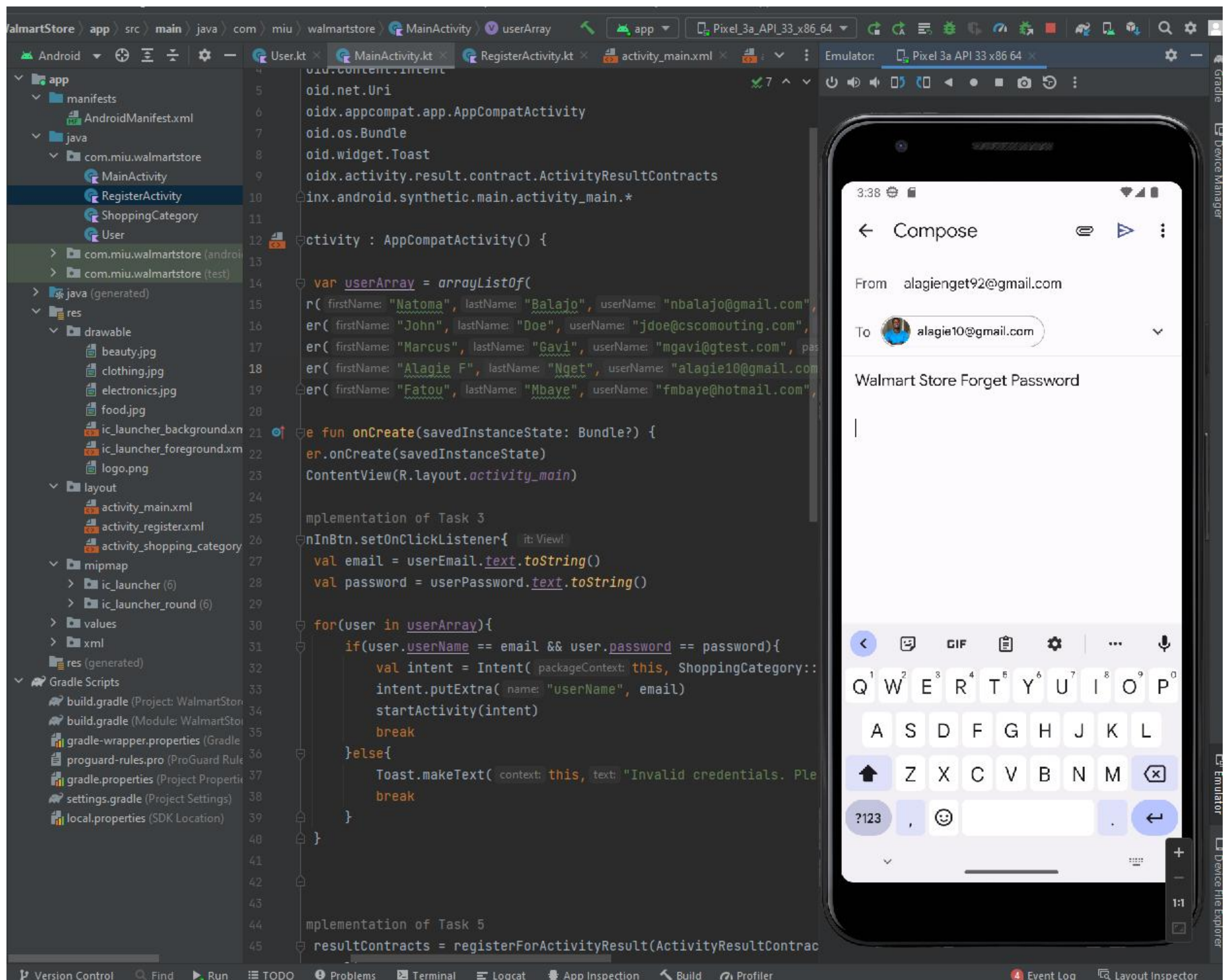
mjoof@test.com

Password*

....

CREATE ACCOUNT

Account created successfully.



Walmart Store Account Forget Password Inbox x



Alagie F Nget

to me ▾

9:56 AM (2 minutes ago)



Your password is 12345

 Reply

 Forward



WalmartStore - MainActivity.kt [WalmartStore.app.main]

File Edit View Navigate Code Refactor Build Run Tools VCS Window Help

almartStore > app > src > main > java > com > miu > walmartstore > MainActivity > onCreate

Android > User.kt > MainActivity.kt > RegisterActivity.kt > activity_main.xml > activity_sho

Pixel_3a_API_33_x86_64

Emulator: Pixel 3a API 33 x86 64

Gradle Device Manager

app

- manifests
 - AndroidManifest.xml
- java
 - com.miu.walmartstore
 - MainActivity
 - RegisterActivity
 - ShoppingCategory
 - User
 - com.miu.walmartstore (android)
 - com.miu.walmartstore (test)
- java (generated)
- res
 - drawable
 - beauty.jpg
 - clothing.jpg
 - electronics.jpg
 - food.jpg
 - ic_launcher_background.xml
 - ic_launcher_foreground.xml
 - logo.png
 - layout
 - activity_main.xml
 - activity_register.xml
 - activity_shopping_category
 - mipmap
 - ic_launcher (6)
 - ic_launcher_round (6)
 - values
 - xml
- res (generated)

- Gradle Scripts
- build.gradle (Project: WalmartStore)
- build.gradle (Module: WalmartStore)
- gradle-wrapper.properties (Gradle)
- proguard-rules.pro (ProGuard Rule)
- gradle.properties (Project Properties)
- settings.gradle (Project Settings)
- local.properties (SDK Location)

```
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.widget.Toast
import androidx.activity.result.contract.ActivityResultContracts
import kotlinx.android.synthetic.main.activity_main.*

class MainActivity : AppCompatActivity() {

    private var userArray = arrayListOf(
        User( firstName: "Natoma", lastName: "Balaajo", userName: "nbalaajo@gmail.com", password: "1234567890" ),
        User( firstName: "John", lastName: "Doe", userName: "jdoe@cscomouting.com", password: "1234567890" ),
        User( firstName: "Marcus", lastName: "Gavi", userName: "mgavi@gtest.com", password: "1234567890" ),
        User( firstName: "Alagie F", lastName: "Nget", userName: "anget@yahoo.com", password: "1234567890" ),
        User( firstName: "Fatou", lastName: "Mbaye", userName: "fmbaye@hotmail.com", password: "1234567890" )
    )

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)

        //Implementation of Task 3
        signInBtn.setOnClickListener { it: View?
            val email = userEmail.text.toString()
            val password = userPassword.text.toString()

            for(user in userArray){
                if(user.userName == email && user.password == password){
                    val intent = Intent( packageContext: this, ShoppingCategory::class )
                    intent.putExtra( name: "userName", email)
                    startActivity(intent)
                    break
                }else{
                    Toast.makeText( context: this, text: "Invalid credentials." )
                }
            }
        }

        //Implementation of Task 5
        val resultContracts = registerForActivityResult(ActivityResultContracts.StartActivityForResult()) {
            result ->
            if(result.resultCode == Activity.RESULT_OK) {
                val temp = result.data?.getSerializableExtra( name: "user" )
            }
        }
    }
}
```

WalmartStore

Welcome anget@yahoo.com

Shop By Categories

Electronics

Clothing

Beauty

Food

Emulator

Device File Explorer

Version Control Find Run IDE Problems Terminal Logcat App Inspection Build Profiler Event Log Layout Inspector

WalmartStore > app > src > main > java > com > miu > walmartstore > MainActivity > onCreate

Android > User.kt > MainActivity.kt > RegisterActivity.kt > activity_main.xml > activity_sho

Emulator: Pixel 3a API 33 x86_64

Project Structure:

- app
 - manifests
 - AndroidManifest.xml
 - java
 - com.miu.walmartstore
 - MainActivity
 - RegisterActivity
 - ShoppingCategory
 - User
 - com.miu.walmartstore (android)
 - com.miu.walmartstore (test)
 - java (generated)
 - res
 - drawable
 - beauty.jpg
 - clothing.jpg
 - electronics.jpg
 - food.jpg
 - ic_launcher_background.xml
 - ic_launcher_foreground.xml
 - logo.png
 - layout
 - activity_main.xml
 - activity_register.xml
 - activity_shopping_category
 - mipmap
 - ic_launcher (6)
 - ic_launcher_round (6)
 - values
 - xml
 - res (generated)
 - Gradle Scripts
 - build.gradle (Project: WalmartStore)
 - build.gradle (Module: WalmartStore)
 - gradle-wrapper.properties (Gradle)
 - proguard-rules.pro (ProGuard Rule)
 - gradle.properties (Project Properties)
 - settings.gradle (Project Settings)
 - local.properties (SDK Location)

MainActivity.kt

```
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.widget.Toast
import androidx.activity.result.contract.ActivityResultContracts
import kotlinx.android.synthetic.main.activity_main.*

class MainActivity : AppCompatActivity() {

    private var userArray = arrayListOf(
        User( firstName: "Natoma", lastName: "Balajo", userName: "nbalajo@gmail.com", password: "123456789"),
        User( firstName: "John", lastName: "Doe", userName: "jdoe@cscomouting.com", password: "123456789"),
        User( firstName: "Marcus", lastName: "Gavi", userName: "mgavi@gtest.com", password: "123456789"),
        User( firstName: "Alagie F", lastName: "Nget", userName: "anget@yahoo.com", password: "123456789"),
        User( firstName: "Fatou", lastName: "Mbaye", userName: "fmbaye@hotmail.com", password: "123456789")
    )

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)

        //Implementation of Task 3
        signInBtn.setOnClickListener { it: View!
            val email = userEmail.text.toString()
            val password = userPassword.text.toString()

            for(user in userArray){
                if(user.userName == email && user.password == password){
                    val intent = Intent( packageContext: this, ShoppingCategory::class )
                    intent.putExtra( name: "userName", email)
                    startActivity(intent)
                    break
                }else{
                    Toast.makeText( context: this, text: "Invalid credentials." )
                }
            }
        }

        //Implementation of Task 5
        val resultContracts = registerForActivityResult(ActivityResultContracts.StartActivityForResult()) {
            result ->
            if(result.resultCode == Activity.RESULT_OK) {
                val temp = result.data?.getSerializableExtra( name: "user")
            }
        }
    }
}
```

WalmartStore

Welcome anget@yahoo.com

Shop By Categories

Electronics

Clothing

You have chosen the Food category of shopping

Event Log

Layout Inspector

28:32 15 UTE 8 4 pages 2

WalmartStore - MainActivity.kt [WalmartStore.app.main]

File Edit View Navigate Code Refactor Build Run Tools VCS Window Help

WalmartStore > app > src > main > java > com > miu > walmartstore > MainActivity > onCreate

Android > User.kt > MainActivity.kt > activity_shopping_category.xml

Emulator: Pixel 3a API 33 x86_64

Project

- app
 - manifests
 - AndroidManifest.xml
 - java
 - com.miu.walmartstore
 - MainActivity
 - RegisterActivity
 - ShoppingCategory
 - User
 - com.miu.walmartstore (androidTest)
 - com.miu.walmartstore (test)
 - java (generated)
 - res
 - drawable
 - beauty.jpg
 - clothing.jpg
 - electronics.jpg
 - food.jpg
 - ic_launcher_background.xml
 - ic_launcher_foreground.xml (v24)
 - logo.png
 - layout
 - activity_main.xml
 - activity_register.xml
 - activity_shopping_category.xml
 - mipmap
 - ic_launcher (6)
 - ic_launcher_round (6)
 - values
 - xml
 - res (generated)
- Gradle Scripts
 - build.gradle (Project: WalmartStore)
 - build.gradle (Module: WalmartStore.app)
 - gradle-wrapper.properties (Gradle Version)
 - proguard-rules.pro (ProGuard Rules for WalmartStore)
 - gradle.properties (Project Properties)
 - settings.gradle (Project Settings)
 - local.properties (SDK Location)

Structure

Build Variants

```
17  override fun onCreate(savedInstanceState: Bundle?) {
18
19
20
21  }
22
23  override fun onCreate(savedInstanceState: Bundle?) {
24      super.onCreate(savedInstanceState)
25      setContentView(R.layout.activity_main)
26
27      //Implementation of Task 3
28      signInBtn.setOnClickListener {
29          val email = etEmail.text.toString()
30          val password = etPassword.text.toString()
31
32          for(user in userArray){
33              if(user.userName == email && user.password == password){
34                  val intent = Intent(packageContext: this, RegisterActivity::class.java)
35                  intent.putExtra(name: "userName", email)
36                  startActivity(intent)
37                  break
38              }else{
39                  Toast.makeText(context: this, text: "Invalid credentials. Please try again!", duration: Toast.LENGTH_SHORT).show()
40              }
41          }
42      }
43
44      //Implementation of Task 5
45      val resultContracts = registerForActivityResult(ActivityResultContracts.StartActivityForResult()) {
46          result ->
47          if(result.resultCode == Activity.RESULT_OK) {
48              val temp = result.data?.getSerializableExtra("user") as User
49              val newUser = temp as User
50              userArray.add(newUser)
51          } else {
52              Toast.makeText(context: this, text: "Fail to register", duration: Toast.LENGTH_SHORT).show()
53          }
54      }
55
56      createBtn.setOnClickListener {
57          val intent = Intent(packageContext: this, RegisterActivity::class.java)
58          resultContracts.launch(intent)
59      }
60  }
```

Device Manager

Emulator

Device File Explorer

WalmartStore

3:22

Walmart

Sign in to your account

Email address(required)

anget@yahoo.com

Password(required)

...

Forgot password?

SIGN IN

Don't have an account?

Create a new account

Invalid credentials. Please try again!

