**Proiect android**

**Lector univ. dr.**

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**Student,**

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**Aplicație android**

**Task**

Creati o aplicatie functionala in Android Studio care sa contina informatii, imagini, link-uri, etc. legate de

***virusul Covid-19***. Proiectul trebuie sa contina cat mai multe din *mijloacele*:

1. Cel putin trei activitati

2. Imagini incarcate de pe Internet si local

3. Acces Internet (incarcarea cel putin a unei pagini web)

4. Liste care contin informatii detaliate la activarea componentelor (itemi)

5. Baza de date cu pentru stocarea informatiilor (centre de testare, adrese, email, tel)

6. Sistem login

7. Butoane

8. Formular de introducere a datelor (persoane pentru testere-programate, rezultat etc.)

9. Galerie foto (centre testare, etc.)

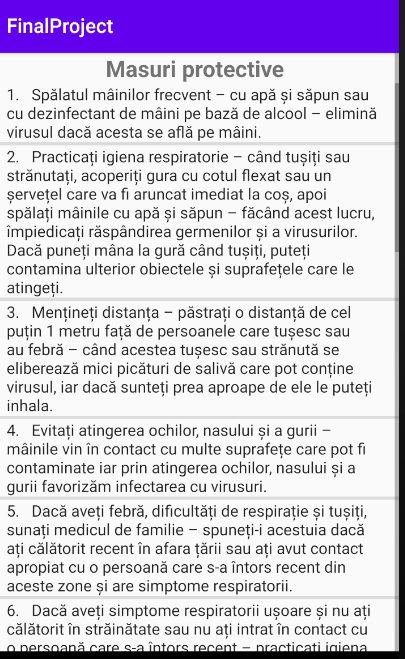
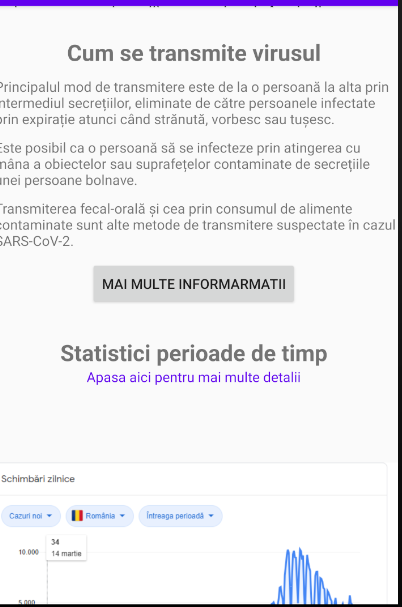
10. Chestionar

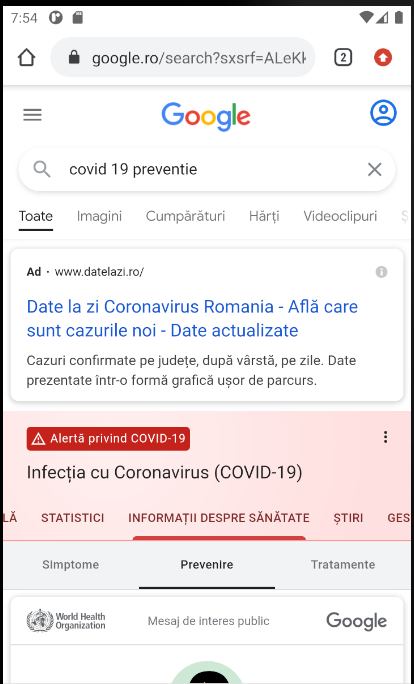
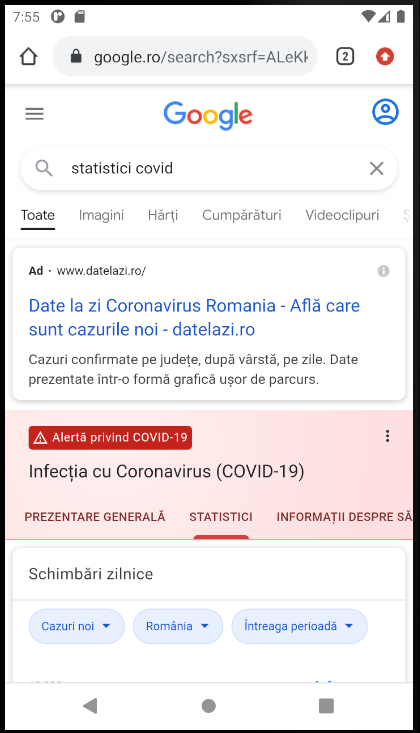
**Imagini**

MainActivity:

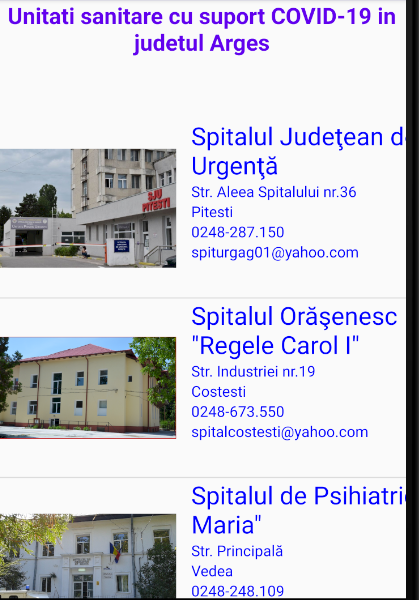


Informatii:

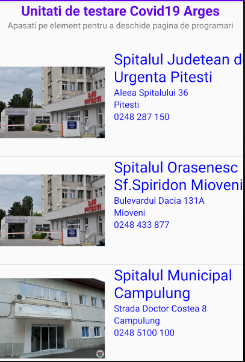


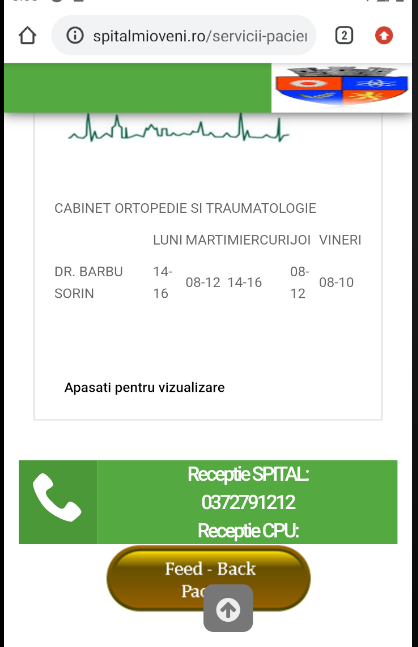
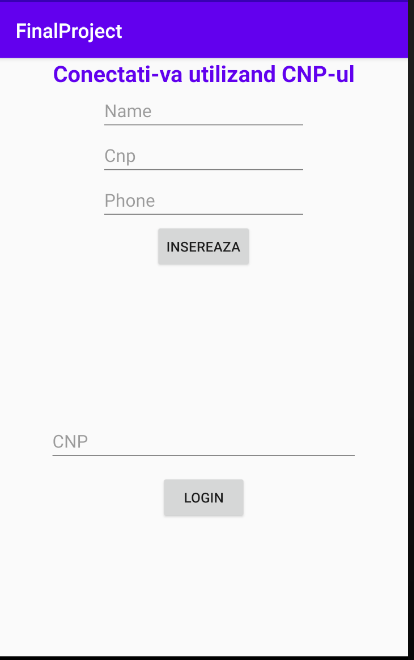


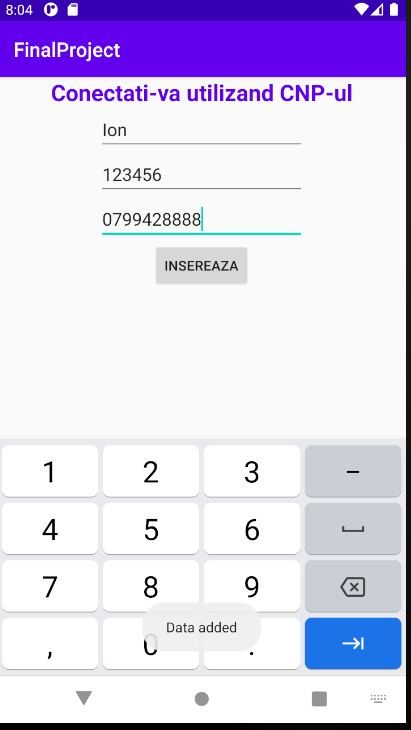
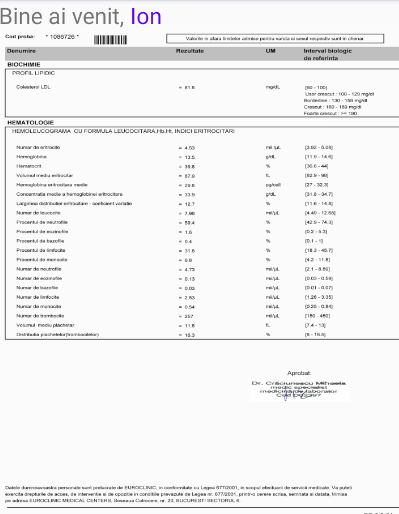
Unitati de testare:

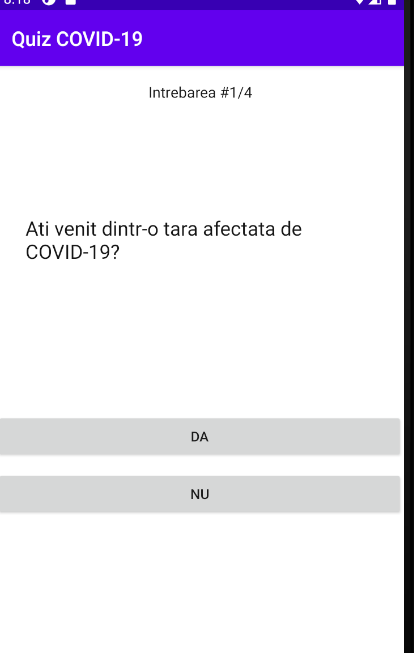
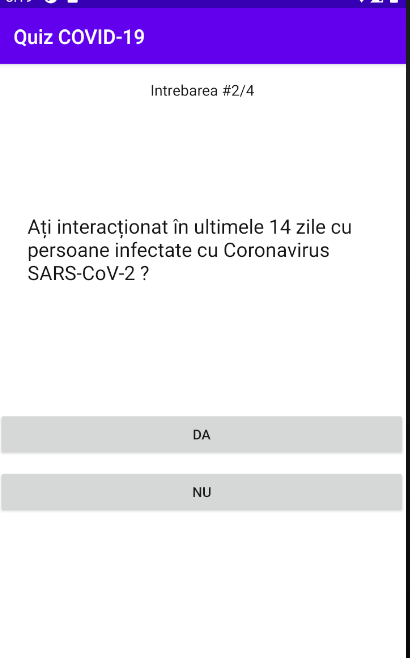


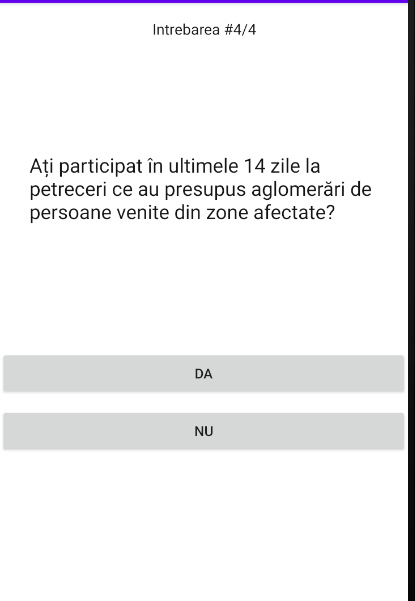
Testare:

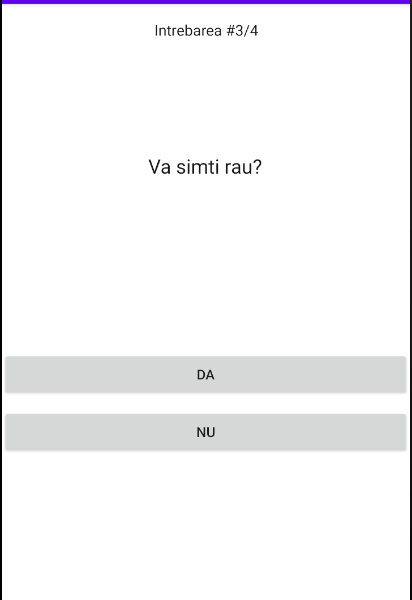


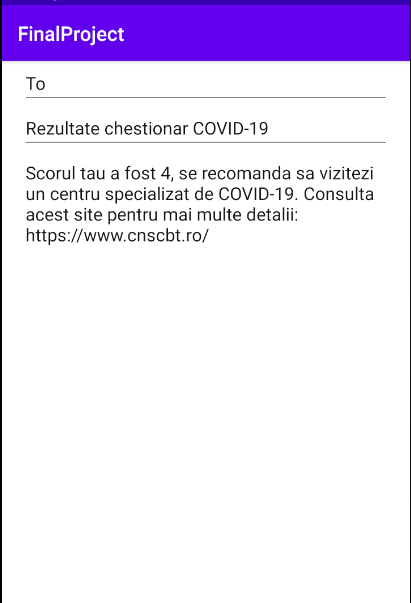












**Codul sursa**

**Mainactivity.java**

package com.example.finalproject;  
  
import android.content.Intent;  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
  
public class MainActivity extends AppCompatActivity {  
  
 Button btnInfo,btnTest,btnUnitati,btnChestionar;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 clickedButton();  
  
 }  
  
 public void clickedButton(){  
 btnInfo=(Button) findViewById(R.id.*covidInfo*);  
 btnTest=(Button) findViewById(R.id.*covidTest*);  
 btnUnitati=(Button) findViewById(R.id.*covidUnitati*);  
 btnChestionar=(Button) findViewById(R.id.*covidChestionar*);  
  
 btnInfo.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent i=new Intent(MainActivity.this,Informatii.class);  
 startActivity(i);  
 }  
 });  
  
 btnTest.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent i= new Intent(MainActivity.this,Testare.class);  
 startActivity(i);  
 }  
 });  
  
 btnUnitati.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent i= new Intent(MainActivity.this,Unitati.class);  
 startActivity(i);  
 }  
 });  
  
 btnChestionar.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent i= new Intent(MainActivity.this,quiz.class);  
 startActivity(i);  
 }  
 });  
  
 }  
  
}

**activity\_main.xml**

<?xml version="1.0" encoding="utf-8"?>  
<android.support.constraint.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
  
  
 <Button  
 android:id="@+id/covidInfo"  
 android:layout\_width="match\_parent"  
 android:layout\_height="100dp"  
 android:layout\_marginTop="28dp"  
 android:text="Informatii despre covid"  
 app:layout\_constraintHorizontal\_bias="0.0"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <Button  
 android:id="@+id/covidUnitati"  
 android:layout\_width="match\_parent"  
 android:layout\_height="100dp"  
 android:text="Unitati de testare Covid-19"  
 app:layout\_constraintTop\_toBottomOf="@+id/covidInfo"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 />  
  
 <Button  
 android:id="@+id/covidTest"  
 android:layout\_width="match\_parent"  
 android:layout\_height="100dp"  
 android:text="Testare"  
 app:layout\_constraintTop\_toBottomOf="@+id/covidUnitati"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 />  
  
  
 <Button  
 android:id="@+id/covidChestionar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="100dp"  
 android:text="Chestionar simptome covid-19"  
 app:layout\_constraintTop\_toBottomOf="@+id/covidTest"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 />  
  
 <ImageView  
 android:id="@+id/imageView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="200dp"  
 app:layout\_constraintTop\_toBottomOf="@+id/covidChestionar"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent" />  
  
  
</android.support.constraint.ConstraintLayout>

**Informatii.java**

package com.example.finalproject;  
  
import android.content.Intent;  
import android.net.Uri;  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.ArrayAdapter;  
import android.widget.Button;  
import android.widget.ListView;  
import android.widget.TextView;  
  
public class Informatii extends AppCompatActivity {  
  
 String[] Measures={  
 "1. Spălatul mâinilor frecvent – cu apă și săpun sau cu dezinfectant de mâini pe bază de alcool – elimină virusul dacă acesta se află pe mâini.",  
 "2. Practicați igiena respiratorie – când tușiți sau strănutați, acoperiți gura cu cotul flexat sau un șervețel care va fi aruncat imediat la coș, apoi spălați mâinile cu apă și săpun – făcând acest lucru, împiedicați răspândirea germenilor și a virusurilor. Dacă puneți mâna la gură când tușiți, puteți contamina ulterior obiectele și suprafețele care le atingeți.",  
 "3. Mențineți distanța – păstrați o distanță de cel puțin 1 metru față de persoanele care tușesc sau au febră – când acestea tușesc sau strănută se eliberează mici picături de salivă care pot conține virusul, iar dacă sunteți prea aproape de ele le puteți inhala.",  
 "4. Evitați atingerea ochilor, nasului și a gurii – mâinile vin în contact cu multe suprafețe care pot fi contaminate iar prin atingerea ochilor, nasului și a gurii favorizăm infectarea cu virusuri.",  
 "5. Dacă aveți febră, dificultăți de respirație și tușiți, sunați medicul de familie – spuneți-i acestuia dacă ați călătorit recent în afara țării sau ați avut contact apropiat cu o persoană care s-a întors recent din aceste zone și are simptome respiratorii.",  
 "6. Dacă aveți simptome respiratorii ușoare și nu ați călătorit în străinătate sau nu ați intrat în contact cu o persoană care s-a întors recent – practicați igiena mâinilor și a respirației, stați la domiciliu până vă simțiți bine, dacă este posibil.",  
 "7. Nu urmați niciun fel de tratament fără ca aceste să fie recomandat de medic.",  
 "8. Animalele de companie nu transmit noul coronavirus – nu există dovezi că animalele de companie, câini și pisici, pot fi infectate de virus. În orice caz, trebuie să ne spălăm tot timpul mâinile cu apă și săpun după ce intrăm în contact cu animalele de companie.",  
 "9. Curățați suprafețele cu dezinfectanți pe bază de clor sau alcool – dezinfectanți ce conțin, clor, înnălbitori, solvent, etanol de 75%, acid paracetic și cloroform pot ucide noul coronavirus.",  
 "10. Evitați zonele aglomerate, mijloacele de transport în comun.",  
 "11. Alegeți să vă informați din surse oficiale.",  
 "12. Purtând o mască medicală (dacă avem simptome respiratorii) putem ajuta la împiedicarea răspândirii unor afecțiuni respiratorii. Totuși, doar această măsură nu garantează oprirea infecțiilor și ar trebui combinată cu celelalte măsuri de prevenție: igiena mâinilor și a respirației, păstrarea distanței de cel puțin 1 metru între persoane."  
 };  
  
 ListView lvMeasures;  
 Button btnWebInfo;  
 TextView statisticsRo;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_informatii*);  
 setList();  
 webSearch();  
  
 }  
  
 public void setList(){  
 lvMeasures=findViewById(R.id.*measureList*);  
 ArrayAdapter<String> measuresAdapter=new ArrayAdapter<>(this,android.R.layout.*simple\_list\_item\_1*,Measures);  
 lvMeasures.setAdapter(measuresAdapter);  
 }  
  
 public void webSearch(){  
 btnWebInfo=(Button) findViewById(R.id.*btnOnWeb*);  
 statisticsRo=(TextView) findViewById(R.id.*webStatistics*);  
  
 btnWebInfo.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
  
 String url="https://www.google.ro/search?sxsrf=ALeKk02HdCNqIZ0aUFIFB02679r8rnN2uw%3A1610890727593&ei=5z0EYN7gI-firgS21aO4Ag&q=covid+19+preventie&oq=covid+19+preventie&gs\_lcp=CgZwc3ktYWIQAzICCAAyBggAEBYQHjIICAAQFhAKEB46BAgAEEM6BwgAELEDEEM6CggAELEDEIMBEEM6CAgAELEDEIMBOgQIIxAnOgUIABCxAzoECAAQCjoFCAAQywE6CggAELEDEIMBEApQivw5WMiZOmCImzpoAXACeAGAAaMBiAGUEJIBBDE2LjWYAQCgAQGqAQdnd3Mtd2l6wAEB&sclient=psy-ab&ved=0ahUKEwie8NvMi6PuAhVnsYsKHbbqCCcQ4dUDCA0&uact=5";  
 Intent i= new Intent(Intent.*ACTION\_VIEW*);  
 i.setData(Uri.*parse*(url));  
 startActivity(i);  
 }  
 });  
  
 statisticsRo.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 String url="https://www.google.ro/search?sxsrf=ALeKk00Hleq757BNDPu6kBNfhZ6ums-ZVw%3A1610890721442&ei=4T0EYNm9GqayrgT18pzQBA&q=statistici+covid&oq=statistici+covid&gs\_lcp=CgZwc3ktYWIQAzICCAAyAggAMgIIADICCAAyAggAMgIIADICCAAyAggAMgIIADICCAA6BwgjEOoCECc6CQgjEOoCECcQEzoECCMQJzoECAAQQzoICAAQsQMQgwE6BQgAELEDOggILhCxAxCDAToKCAAQxwEQowIQQzoHCAAQsQMQQzoOCAAQsQMQgwEQxwEQowI6AgguOgoIABDHARCvARBDOgQIABADOgcILhCxAxBDOgQILhBDOg4IABCxAxCDARDHARCvAToFCCEQoAFQshBY0ilgkytoA3AAeACAAYUCiAGeFJIBBjAuMTYuMpgBAKABAaoBB2d3cy13aXqwAQrAAQE&sclient=psy-ab&ved=0ahUKEwiZsuTJi6PuAhUmmYsKHXU5B0oQ4dUDCA0&uact=5";  
 Intent i=new Intent(Intent.*ACTION\_VIEW*);  
 i.setData(Uri.*parse*(url));  
 startActivity(i);  
 }  
 });  
 }  
  
}

**activity\_informatii**

<?xml version="1.0" encoding="utf-8"?>  
<ScrollView xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="fill\_parent"  
 tools:context=".Informatii">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical">  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="center\_horizontal"  
 android:text="@string/infoTitle1"  
 android:textSize="80px" />  
  
 <ListView  
 android:id="@+id/measureList"  
 android:layout\_width="match\_parent"  
 android:layout\_height="1000dp"  
 android:dividerHeight="3dp"  
 android:footerDividersEnabled="true"  
 android:headerDividersEnabled="true" />  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="30dp"  
 android:text="@string/infoTitle2"  
 android:gravity="center"  
 android:textSize="80px"  
 />  
 <TextView  
 android:layout\_marginTop="10dp"  
 android:layout\_marginLeft="5dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="@string/infoContent2.1"  
 android:textIsSelectable="true"  
 />  
 <TextView  
 android:layout\_marginTop="10dp"  
 android:layout\_marginLeft="5dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="@string/infoContent2.2"  
 android:textIsSelectable="true"/>  
  
 <TextView  
 android:layout\_marginTop="10dp"  
 android:layout\_marginLeft="5dp"  
 android:layout\_marginBottom="10dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="@string/infoContent2.3"  
 android:textIsSelectable="true"/>  
  
 <Button  
 android:id="@+id/btnOnWeb"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Mai multe informarmatii"  
 android:layout\_gravity="center" />  
  
 <TextView  
 android:layout\_marginTop="30dp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="@string/infoTitle3"  
 android:gravity="center"  
 android:textSize="80px"  
 />  
  
 <TextView  
 android:id="@+id/webStatistics"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:clickable="true"  
 android:text="Apasa aici pentru mai multe detalii"  
 android:gravity="center"  
 android:textColor="@color/colorPrimary"/>  
  
 <ImageView  
 android:id="@+id/statisticsPhoto"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:src="@drawable/covid"/>  
 </LinearLayout>  
  
</ScrollView>

**Unitati**

package com.example.finalproject;  
  
import android.content.Intent;  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.AdapterView;  
import android.widget.ListView;  
  
public class Unitati extends AppCompatActivity {  
  
 private ListView listView;  
  
 private String hospitalsName[]={  
 "Spitalul Judeţean de Urgenţă ",  
 "Spitalul Orăşenesc \"Regele Carol I\" ",  
 "Spitalul de Psihiatrie \"Sf. Maria\" ",  
 "Spitalul de Pneumoftiziologie Cronici ",  
 "Spitalul de Pneumoftiziologie \"Sf. Andrei\" ",  
 "Spitalul de Recuperare Brădet ",  
 "Spitalul de Geriatrie şi Boli Cronice \"C-tin Bălăceanu Stolnici\" ",  
  
 };  
  
 private String hospitalsAddress[]={  
 "Str. Aleea Spitalului nr.36",  
 "Str. Industriei nr.19",  
 "Str. Principală",  
 "Str. Coloniei nr.106",  
 "Str. Valea Iaşului",  
 "Str. Bradet",  
 "Str. Coasta Câmpului nr.54",  
  
 };  
  
 private String hospitalsCity[]={  
 "Pitesti","Costesti","Vedea","Leordeni","Valea Iasului","Bradulet","Stefanesti"  
 };  
  
 private String hospitalsPhone[]={  
 "0248-287.150","0248-673.550","0248-248.109","0248-653.694","0248-724.431"," 0248-267.755","0248-266.929"  
 };  
  
 private String hospitalsEmail[]={  
 "spiturgag01@yahoo.com",  
 "spitalcostesti@yahoo.com",  
 "sfmariapsih@yahoo.com",  
 "contact@spitalleordeni.ro",  
 "postmaster@spviasului.ro",  
 "spitalbradet@yahoo.com",  
 "spitalul\_stefanesti@yahoo.com",  
  
 };  
  
 private Integer[] imageid ={  
 R.drawable.*spjudetean*,  
 R.drawable.*spitalulcostesti*,  
 R.drawable.*spvedea*,  
 R.drawable.*spleordeni*,  
 R.drawable.*spviasului*,  
 R.drawable.*spbradet*,  
 R.drawable.*spstefanesti*,  
  
 };  
  
  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_unitati*);  
  
 listView=(ListView) findViewById(R.id.*hospitalsList*);  
 customListView customList=new customListView(this,hospitalsName,hospitalsAddress,hospitalsCity,hospitalsPhone,hospitalsEmail,imageid);  
  
 listView.setAdapter(customList);  
  
 listView.setOnItemClickListener(new AdapterView.OnItemClickListener() {  
 @Override  
 public void onItemClick(AdapterView<?> parent, View view, int position, long id) {  
  
 Intent i= new Intent(getApplicationContext(),hospitalDetails.class);  
 i.putExtra("name",hospitalsName[position]);  
 i.putExtra("address",hospitalsAddress[position]);  
 i.putExtra("city",hospitalsCity[position]);  
 i.putExtra("phone",hospitalsPhone[position]);  
 i.putExtra("email",hospitalsEmail[position]);  
 i.putExtra("image",imageid[position]);  
 i.putExtra("id",position);  
 startActivity(i);  
  
 }  
 });  
 }  
  
}

**unitati.xml**

<?xml version="1.0" encoding="utf-8"?>  
<ScrollView xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="fill\_parent"  
 tools:context=".Unitati">  
  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="1000dp"  
 android:orientation="vertical">  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="@string/unitatiTitle"  
 android:gravity="center"  
 android:textSize="80px"  
 android:textColor="@color/colorPrimary"  
 android:layout\_marginBottom="30dp"  
 />  
  
 <ListView  
 android:layout\_marginTop="120dp"  
 android:id="@+id/hospitalsList"  
 android:layout\_width="match\_parent"  
 android:layout\_height="1700dp" />  
  
 </RelativeLayout>  
  
  
</ScrollView>

**Hospitaldetails.java**

<?xml version="1.0" encoding="utf-8"?>  
<ScrollView xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="fill\_parent"  
 tools:context=".Unitati">  
  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="1000dp"  
 android:orientation="vertical">  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="@string/unitatiTitle"  
 android:gravity="center"  
 android:textSize="80px"  
 android:textColor="@color/colorPrimary"  
 android:layout\_marginBottom="30dp"  
 />  
  
 <ListView  
 android:layout\_marginTop="120dp"  
 android:id="@+id/hospitalsList"  
 android:layout\_width="match\_parent"  
 android:layout\_height="1700dp" />  
  
 </RelativeLayout>  
  
  
</ScrollView>

**Activity\_hospital\_details.xml**

<?xml version="1.0" encoding="utf-8"?>  
<android.support.constraint.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 xmlns:app="http://schemas.android.com/apk/res-auto">  
  
 <ImageView  
 android:id="@+id/hospitalImage"  
 android:layout\_width="350dp"  
 android:layout\_height="350dp"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 android:layout\_marginTop="15dp"  
 />  
  
 <TextView  
 android:id="@+id/tvName"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Spital: "  
 android:textSize="25dp"  
 app:layout\_constraintTop\_toBottomOf="@+id/hospitalImage"  
 app:layout\_constraintLeft\_toLeftOf="@+id/hospitalImage"  
 android:layout\_marginTop="20dp"  
 />  
 <TextView  
 android:id="@+id/tvAddress"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Adresa: "  
 android:textSize="25dp"  
 app:layout\_constraintTop\_toBottomOf="@+id/tvName"  
 app:layout\_constraintLeft\_toLeftOf="@+id/tvName"  
 />  
  
 <TextView  
 android:id="@+id/tvCity"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Localitate: "  
 android:textSize="25dp"  
 app:layout\_constraintTop\_toBottomOf="@+id/tvAddress"  
 app:layout\_constraintLeft\_toLeftOf="@+id/tvAddress"  
 />  
  
 <TextView  
 android:id="@+id/tvPhone"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Telefon: "  
 android:textSize="25dp"  
 app:layout\_constraintTop\_toBottomOf="@+id/tvCity"  
 app:layout\_constraintLeft\_toLeftOf="@+id/tvCity"  
 />  
  
 <TextView  
 android:id="@+id/tvEmail"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Email: "  
 android:textSize="25dp"  
 app:layout\_constraintTop\_toBottomOf="@+id/tvPhone"  
 app:layout\_constraintLeft\_toLeftOf="@+id/tvPhone"  
 />  
  
 <TextView  
 android:id="@+id/textName"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text=""  
 android:textSize="18dp"  
 app:layout\_constraintTop\_toTopOf="@+id/tvName"  
 app:layout\_constraintLeft\_toRightOf="@+id/tvName"  
 app:layout\_constraintBottom\_toBottomOf="@+id/tvName"  
 android:layout\_marginLeft="70dp"  
 />  
  
 <TextView  
 android:id="@+id/textAddress"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text=""  
 android:textSize="18dp"  
 app:layout\_constraintTop\_toBottomOf="@+id/tvAddress"  
 app:layout\_constraintBottom\_toBottomOf="@+id/tvAddress"  
 app:layout\_constraintLeft\_toLeftOf="@+id/textName"  
 />  
  
 <TextView  
 android:id="@+id/textCity"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text=""  
 android:textSize="18dp"  
 app:layout\_constraintBottom\_toBottomOf="@+id/tvCity"  
 app:layout\_constraintTop\_toTopOf="@+id/tvCity"  
 app:layout\_constraintLeft\_toLeftOf="@+id/textAddress"  
 />  
  
 <TextView  
 android:id="@+id/textPhone"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text=""  
 android:textSize="18dp"  
 app:layout\_constraintBottom\_toBottomOf="@+id/tvPhone"  
 app:layout\_constraintTop\_toTopOf="@+id/tvPhone"  
 app:layout\_constraintLeft\_toLeftOf="@+id/textCity"  
 />  
  
 <TextView  
 android:id="@+id/textEmail"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text=""  
 android:textSize="18dp"  
 app:layout\_constraintBottom\_toBottomOf="@+id/tvEmail"  
 app:layout\_constraintTop\_toTopOf="@+id/tvEmail"  
 app:layout\_constraintLeft\_toLeftOf="@id/textPhone"  
 />  
  
 <Button  
 android:id="@+id/openSite"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Deschide website"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textEmail"  
 android:layout\_marginTop="70dp"  
 />  
  
  
</android.support.constraint.ConstraintLayout>

**Customlistview.java**

package com.example.finalproject;  
  
import android.app.Activity;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.ArrayAdapter;  
import android.widget.ImageView;  
import android.widget.TextView;  
  
public class customListView extends ArrayAdapter {  
  
 private String[] hospitalName;  
 private String[] hospitalAddress;  
 private String[] hospitalCity;  
 private String[] hospitalPhone;  
 private String[] hospitalEmail;  
 private Integer[] imageid;  
  
 private Activity context;  
  
 public customListView(Activity context, String[] hospitalName, String[] hospitalAddress, String[] hospitalCity, String[] hospitalPhone, String[] hospitalEmail,Integer[] imageid){  
 super(context, R.layout.*hospital\_row\_item*,hospitalName);  
  
 this.context=context;  
 this.hospitalName=hospitalName;  
 this.hospitalAddress=hospitalAddress;  
 this.hospitalCity=hospitalCity;  
 this.hospitalPhone=hospitalPhone;  
 this.hospitalEmail=hospitalEmail;  
 this.imageid=imageid;  
 }  
  
 @Override  
 public View getView(int position, View convertView, ViewGroup parent){  
 View row=convertView;  
 LayoutInflater inflater= context.getLayoutInflater();  
  
 if(convertView==null) row=inflater.inflate(R.layout.*hospital\_row\_item*,null,true);  
  
 TextView tvName=(TextView) row.findViewById(R.id.*name*);  
 TextView tvAddress=(TextView) row.findViewById(R.id.*address*);  
 TextView tvCity=(TextView) row.findViewById(R.id.*city*);  
 TextView tvPhone=(TextView) row.findViewById(R.id.*phone*);  
 TextView tvEmail=(TextView) row.findViewById(R.id.*email*);  
 ImageView ivHospital=(ImageView) row.findViewById(R.id.*imageViewPic*);  
  
 tvName.setText(hospitalName[position]);  
 tvAddress.setText(hospitalAddress[position]);  
 tvCity.setText(hospitalCity[position]);  
 tvPhone.setText(hospitalPhone[position]);  
 tvEmail.setText(hospitalEmail[position]);  
 ivHospital.setImageResource(imageid[position]);  
  
 return row;  
 }  
  
  
  
}

**testare**

package com.example.finalproject;  
  
import android.content.Intent;  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.ImageButton;  
  
public class Testare extends AppCompatActivity {  
  
 Button btnGallery;  
 ImageButton btnResults;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_testare*);  
  
 btnGallery=(Button) findViewById(R.id.*testGalleryButton*);  
 btnResults=(ImageButton) findViewById(R.id.*resultsButton*);  
  
 btnGallery.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent i= new Intent(Testare.this,UnitatiTestare.class);  
 startActivity(i);  
 }  
 });  
  
  
 btnResults.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent i = new Intent(Testare.this,Rezultate.class);  
 startActivity(i);  
 }  
 });  
  
 }  
  
}

**testare.xml**

<?xml version="1.0" encoding="utf-8"?>  
<ScrollView xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="fill\_parent"  
 android:layout\_height="fill\_parent"  
 tools:context=".Testare">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical">  
  
 <TextView  
 android:id="@+id/titleTV"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="center\_horizontal"  
 android:text="@string/testTitle"  
 android:textSize="80px"  
 />  
  
  
 <Button  
 android:id="@+id/testGalleryButton"  
 android:layout\_width="match\_parent"  
 android:layout\_height="250dp"  
 android:background="@android:color/black"  
 android:textColor="@android:color/white"  
 android:text="unitati testare arges"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
  
 />  
  
  
  
  
  
  
  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="@string/testTitle1"  
 android:gravity="center\_horizontal"  
 android:textSize="70px"  
 android:textColor="@color/colorPrimaryDark"  
 android:layout\_marginTop="30dp"  
 />  
  
 <ImageButton  
 android:id="@+id/resultsButton"  
 android:layout\_width="match\_parent"  
 android:layout\_height="300dp"  
 android:layout\_marginTop="20dp"  
 android:src="@drawable/rezultate"  
 android:scaleType="centerCrop"  
 android:background="@color/colorAccent"  
 />  
 </LinearLayout>  
  
  
  
</ScrollView>