CODE:

activity.xml:

```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"
    tools:context=".MainActivity"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:fillViewport="true"
    >
    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        tools:context=".MainActivity">

        <TextView
            android:id="@+id/tv1"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="HOSPITAL REGISTRATION FORM"
            android:textColor="#214d90"
            android:textSize="36sp"
            android:textStyle="normal"
            android:gravity="center"
            android:typeface="serif"
            android:layout_marginTop="10dp"
            android:layout_marginLeft="10dp"
            android:layout_marginRight="10dp"
            />

        <TextView
            android:id="@+id/name_tv"
            android:layout_width="125dp"
            android:layout_height="45dp"
            android:layout_below="@+id/tv1"
            android:layout_alignParentLeft="true"
            android:layout_marginLeft="10dp"
            android:layout_marginTop="10dp"
            android:text="Name"
            android:textColor="#005ae4"
            android:textSize="25sp"
            android:typeface="serif" />

        <EditText
```

```xml
            android:id="@+id/name_et"
            android:layout_width="wrap_content"
            android:layout_height="45dp"
            android:layout_below="@+id/tv1"
            android:layout_alignParentRight="true"
            android:layout_marginTop="10dp"
            android:layout_marginRight="10dp"
            android:hint="Enter your name"
            android:inputType="text"
            android:textColor="#005ae4"
            android:textSize="25sp"
            android:typeface="serif" />

        <TextView
            android:id="@+id/address_tv"
            android:layout_width="125dp"
            android:layout_height="45dp"
            android:layout_below="@+id/name_tv"
            android:layout_alignParentLeft="true"
            android:layout_marginLeft="10dp"
            android:layout_marginTop="10dp"
            android:text="Address"
            android:textColor="#005ae4"
            android:textSize="25sp"
            android:typeface="serif" />

        <EditText
            android:id="@+id/address_et"
            android:layout_width="wrap_content"
            android:layout_height="45dp"
            android:layout_below="@+id/name_et"
            android:layout_alignParentRight="true"
            android:layout_marginTop="10dp"
            android:layout_marginRight="10dp"
            android:hint="Enter your address"

    android:inputType="textMultiLine|textPostalAddress"
            android:textColor="#005ae4"
            android:textSize="25sp"
            android:typeface="serif" />
        <TextView
            android:id="@+id/age_tv"
            android:layout_width="125dp"
            android:layout_height="45dp"
            android:layout_below="@+id/address_tv"
            android:layout_alignParentLeft="true"
            android:layout_marginLeft="10dp"
            android:layout_marginTop="10dp"
            android:text="Age"
```

```xml
        android:textColor="#005ae4"
        android:textSize="25sp"
        android:typeface="serif" />

    <EditText
        android:id="@+id/age_et"
        android:layout_width="wrap_content"
        android:layout_height="45dp"
        android:layout_below="@+id/address_et"
        android:layout_alignParentRight="true"
        android:layout_marginTop="10dp"
        android:layout_marginRight="10dp"
        android:hint="Enter your age"
        android:inputType="number"
        android:textColor="#005ae4"
        android:textSize="25sp"
        android:typeface="serif" />

    <TextView
        android:id="@+id/dob_tv"
        android:layout_width="125dp"
        android:layout_height="45dp"
        android:layout_below="@+id/age_tv"
        android:layout_alignParentLeft="true"
        android:layout_marginLeft="10dp"
        android:layout_marginTop="10dp"
        android:text="DOB"
        android:textColor="#005ae4"
        android:textSize="25sp"
        android:typeface="serif" />

    <DatePicker
        android:id="@+id/date_dp"
        android:layout_width="305dp"
        android:layout_height="400dp"
        android:layout_below="@+id/age_et"
        android:layout_alignParentRight="true"
        android:layout_marginTop="15dp"
        android:layout_marginRight="15dp"
        android:inputType="date" />

    <TextView
        android:id="@+id/gender_tv"
        android:layout_width="125dp"
        android:layout_height="45dp"
        android:layout_below="@+id/dob_tv"
        android:layout_alignParentLeft="true"
        android:layout_marginLeft="13dp"
        android:layout_marginTop="367dp"
```
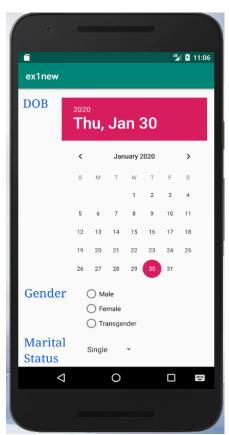
```xml
            android:text="Gender"
            android:textColor="#005ae4"
            android:textSize="25sp"
            android:typeface="serif" />

        <RadioGroup
            android:id="@+id/gd_rg"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_below="@+id/date_dp"
            android:layout_toRightOf="@+id/gender_tv"
            android:layout_marginTop="10dp"
            android:layout_marginRight="10dp"
            >

            <RadioButton
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:text="Male">
            </RadioButton>
            <RadioButton
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:text="Female"
                >
            </RadioButton>
            <RadioButton
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:text="Transgender">
            </RadioButton>

        </RadioGroup>

        <TextView
            android:id="@+id/ms_tv"
            android:layout_width="125dp"
            android:layout_height="wrap_content"
            android:layout_below="@+id/gender_tv"
            android:layout_alignParentLeft="true"
            android:layout_marginLeft="12dp"
            android:layout_marginTop="62dp"
            android:text="Marital Status"
            android:textColor="#005ae4"
            android:textSize="25sp"
            android:typeface="serif" />

        <Spinner
            android:id="@+id/ms_sp"
```
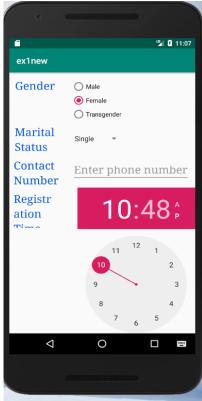
```xml
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_below="@id/gd_rg"
            android:layout_toRightOf="@+id/ms_tv"
            android:layout_marginTop="28dp"
            android:layout_marginRight="147dp"
            android:entries="@array/marital">

    </Spinner>

    <TextView
            android:id="@+id/contact_tv"
            android:layout_width="125dp"
            android:layout_height="wrap_content"
            android:layout_below="@+id/ms_tv"
            android:layout_alignParentLeft="true"
            android:layout_marginLeft="10dp"
            android:layout_marginTop="10dp"
            android:text="Contact Number"
            android:textColor="#005ae4"
            android:textSize="25sp"
            android:typeface="serif" />

    <EditText
            android:id="@+id/contact_et"
            android:layout_width="wrap_content"
            android:layout_height="45dp"
            android:layout_below="@+id/ms_sp"
            android:layout_alignParentRight="true"
            android:layout_marginTop="42dp"
            android:layout_marginRight="13dp"
            android:layout_marginLeft="5dp"
            android:hint="Enter phone number"
            android:inputType="phone"
            android:textColor="#005ae4"
            android:textSize="25sp"
            android:typeface="serif" />

    <TextView
            android:id="@+id/time_tv"
            android:layout_width="118dp"
            android:layout_height="84dp"
            android:layout_below="@+id/contact_tv"
            android:layout_alignParentLeft="true"
            android:layout_marginLeft="10dp"
            android:layout_marginTop="10dp"
            android:text="Registration Time"
            android:textColor="#005ae4"
            android:textSize="25sp"
```

```xml
                android:typeface="serif" />

        <TimePicker
            android:id="@+id/time_tp"
            android:layout_width="260dp"
            android:layout_height="337dp"
            android:layout_below="@+id/contact_et"
            android:layout_alignParentRight="true"
            android:layout_marginLeft="10dp"
            android:layout_marginTop="15dp">

        </TimePicker>


    </RelativeLayout>
</ScrollView>
```

MainActivity.java:

```java
package com.example.ex1new;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }
}
```

OUTPUT:

CODE:

activity.xml:

```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"
    tools:context=".MainActivity"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:fillViewport="true"
    >
    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        tools:context=".MainActivity">

        <TextView
            android:id="@+id/tv1"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="HOSPITAL REGISTRATION FORM"
            android:textColor="#214d90"
            android:textSize="36sp"
            android:textStyle="normal"
            android:gravity="center"
            android:typeface="serif"
            android:layout_marginTop="10dp"
            android:layout_marginLeft="10dp"
            android:layout_marginRight="10dp"
            />

        <TextView
            android:id="@+id/name_tv"
            android:layout_width="125dp"
            android:layout_height="45dp"
            android:layout_below="@+id/tv1"
            android:layout_alignParentLeft="true"
            android:layout_marginLeft="10dp"
            android:layout_marginTop="10dp"
            android:text="Name"
            android:textColor="#005ae4"
            android:textSize="25sp"
            android:typeface="serif" />

        <EditText
```

```xml
    android:id="@+id/name_et"
    android:layout_width="wrap_content"
    android:layout_height="45dp"
    android:layout_below="@+id/tv1"
    android:layout_alignParentRight="true"
    android:layout_marginTop="10dp"
    android:layout_marginRight="10dp"
    android:hint="Enter your name"
    android:inputType="text"
    android:textColor="#005ae4"
    android:textSize="25sp"
    android:typeface="serif" />

<TextView
    android:id="@+id/dob_tv"
    android:layout_width="125dp"
    android:layout_height="45dp"
    android:layout_below="@+id/name_tv"
    android:layout_alignParentLeft="true"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="10dp"
    android:text="DOB"
    android:textColor="#005ae4"
    android:textSize="25sp"
    android:typeface="serif" />

<DatePicker
    android:id="@+id/date_dp"
    android:layout_width="305dp"
    android:layout_height="400dp"
    android:layout_below="@+id/name_et"
    android:layout_alignParentRight="true"
    android:layout_marginTop="15dp"
    android:layout_marginRight="15dp"
    android:inputType="date" />

<TextView
    android:id="@+id/gender_tv"
    android:layout_width="125dp"
    android:layout_height="45dp"
    android:layout_below="@+id/dob_tv"
    android:layout_alignParentLeft="true"
    android:layout_marginLeft="13dp"
    android:layout_marginTop="367dp"
    android:text="Gender"
    android:textColor="#005ae4"
    android:textSize="25sp"
    android:typeface="serif" />
```

```xml
<RadioGroup
    android:id="@+id/gd_rg"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@+id/date_dp"
    android:layout_toRightOf="@+id/gender_tv"
    android:layout_marginTop="10dp"
    android:layout_marginRight="10dp"
    >

    <RadioButton
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Male">
    </RadioButton>
    <RadioButton
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Female"
        >
    </RadioButton>
    <RadioButton
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Transgender">
    </RadioButton>

</RadioGroup>

<TextView
    android:id="@+id/ms_tv"
    android:layout_width="125dp"
    android:layout_height="wrap_content"
    android:layout_below="@+id/gender_tv"
    android:layout_alignParentLeft="true"
    android:layout_marginLeft="12dp"
    android:layout_marginTop="62dp"
    android:text="Marital Status"
    android:textColor="#005ae4"
    android:textSize="25sp"
    android:typeface="serif" />

<Spinner
    android:id="@+id/ms_sp"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_below="@id/gd_rg"
    android:layout_toRightOf="@+id/ms_tv"
    android:layout_marginTop="28dp"
```

```xml
        android:layout_marginRight="147dp"
        android:layout_marginLeft="10dp"
        android:entries="@array/marital">

</Spinner>

<TextView
        android:id="@+id/contact_tv"
        android:layout_width="125dp"
        android:layout_height="wrap_content"
        android:layout_below="@+id/ms_tv"
        android:layout_alignParentLeft="true"
        android:layout_marginLeft="10dp"
        android:layout_marginTop="10dp"
        android:text="Contact Number"
        android:textColor="#005ae4"
        android:textSize="25sp"
        android:typeface="serif" />

<EditText
        android:id="@+id/contact_et"
        android:layout_width="wrap_content"
        android:layout_height="45dp"
        android:layout_below="@+id/ms_sp"
        android:layout_alignParentRight="true"
        android:layout_marginTop="42dp"
        android:layout_marginRight="13dp"
        android:hint="Enter phone number"
        android:inputType="phone"
        android:textColor="#005ae4"
        android:textSize="25sp"
        android:typeface="serif" />

<TextView
        android:id="@+id/addict_tv"
        android:layout_width="118dp"
        android:layout_height="84dp"
        android:layout_below="@+id/contact_tv"
        android:layout_alignParentLeft="true"
        android:layout_marginLeft="10dp"
        android:layout_marginTop="10dp"
        android:text="Addiction"
        android:textColor="#005ae4"
        android:textSize="25sp"
        android:typeface="serif" />

<CheckBox
        android:id="@+id/smoke_cb"
        android:layout_width="wrap_content"
```

```xml
        android:layout_height="wrap_content"
        android:text="Smoking"
        android:layout_below="@+id/contact_et"
        android:layout_toRightOf="@+id/addict_tv"
        android:layout_marginTop="10dp"
        android:layout_marginRight="10dp"
        android:layout_marginLeft="10dp"
        />
<CheckBox
        android:id="@+id/alcohol_cb"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Alcohol"
        android:layout_below="@+id/smoke_cb"
        android:layout_toRightOf="@+id/addict_tv"
        android:layout_marginTop="10dp"
        android:layout_marginRight="10dp"
        android:layout_marginLeft="10dp"
        />

<Button
        android:id="@+id/submit_bt"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@+id/alcohol_cb"
        android:layout_centerInParent="false"
        android:layout_marginLeft="40dp"
        android:layout_marginTop="13dp"
        android:layout_marginBottom="10dp"
        android:text="SUBMIT"
        android:textColor="#005ae4"
        android:textSize="25sp"
        android:typeface="serif" />

<Button
        android:id="@+id/reset_bt"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@+id/alcohol_cb"
        android:layout_alignParentRight="true"
        android:layout_marginTop="10dp"
        android:layout_marginRight="40dp"
        android:layout_marginBottom="10dp"
        android:text="RESET"
        android:textColor="#005ae4"
        android:textSize="25sp"
        android:typeface="serif"
        android:onClick="resetFields"/>
```

```
        </RelativeLayout>
</ScrollView>
```

activity_page2.xml:

```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"
    tools:context=".MainActivity"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:fillViewport="true"
    >

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="vertical"
        >

        <TextView
            android:id="@+id/tv1"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="HOSPITAL REGISTRATION FORM"
            android:textColor="#214d90"
            android:textSize="36sp"
            android:textStyle="normal"
            android:gravity="center"
            android:typeface="serif"
            android:layout_marginTop="10dp"
            android:layout_marginLeft="10dp"
            android:layout_marginRight="10dp"
            />

        <TableLayout
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            >

            <TableRow>
                <TextView
                    android:layout_width="wrap_content"
                    android:layout_height="wrap_content"
                    android:text="Name"
```

```xml
            android:textSize="30sp"
            />
        <TextView
            android:id="@+id/name_tb"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:textSize="30sp"
            />
    </TableRow>

    <TableRow>
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="DOB"
            android:textSize="30sp"
            />
        <TextView
            android:id="@+id/dob_tb"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:textSize="30sp"
            />
    </TableRow>

    <TableRow>
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Gender"
            android:textSize="30sp"
            />
        <TextView
            android:id="@+id/gender_tb"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:textSize="30sp"
            />
    </TableRow>

    <TableRow>
        <TextView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Marital Status"
            android:textSize="30sp"
            />
        <TextView
```

```xml
                android:id="@+id/marital_tb"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:textSize="30sp"
                />
        </TableRow>

        <TableRow>
            <TextView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:text="Contact Number"
                android:textSize="30sp"
                />
            <TextView
                android:id="@+id/contact_tb"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:textSize="30sp"
                />
        </TableRow>

        <TableRow
            android:layout_height="wrap_content"
            >
            <TextView
                android:layout_width="0dp"
                android:layout_weight="1"
                android:layout_height="match_parent"
                android:text="Addiction"
                android:textSize="30sp"
                />
            <TextView
                android:id="@+id/addict_tb"
                android:layout_width="wrap_content"
                android:layout_height="match_parent"
                android:textSize="30sp"
                />
        </TableRow>


    </TableLayout>


    </LinearLayout>
</ScrollView>
```

MainActvity.java:

```java
package com.example.vaish.ex2new;

import android.support.v7.app.AppCompatActivity;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.ArrayAdapter;
import android.widget.Button;
import android.widget.CheckBox;
import android.widget.DatePicker;
import android.widget.EditText;
import android.widget.RadioButton;
import android.widget.RadioGroup;
import android.widget.Spinner;
import android.widget.Toast;
import java.util.Calendar;

public class MainActivity extends AppCompatActivity {

    Button submit,reset;
    EditText name,contact_et;
    DatePicker dob;
    RadioGroup gd;
    Spinner ms_sp;
    CheckBox smoke_cb,alcohol_cb;
    RadioButton check_rb;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        submit = findViewById(R.id.submit_bt);
        reset = findViewById(R.id.reset_bt);
        name = findViewById(R.id.name_et);
        dob = findViewById(R.id.date_dp);
        gd =  findViewById(R.id.gd_rg);
        ms_sp = (Spinner) findViewById(R.id.ms_sp);
        contact_et = findViewById(R.id.contact_et);
        smoke_cb = findViewById(R.id.smoke_cb);
        alcohol_cb = findViewById(R.id.alcohol_cb);

        ArrayAdapter<CharSequence>
```

```java
adapter.setDropDownViewResource(android.R.layout.simple_spi
nner_dropdown_item);
        ms_sp.setAdapter(adapter);


        submit.setOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent myIntent = new
Intent(getApplicationContext(), page2.class);

                String add="";

                String name_field =
name.getText().toString();

                String
day=String.valueOf(dob.getDayOfMonth());
                String
month=String.valueOf(dob.getMonth()+1);
                String year=String.valueOf(dob.getYear());

                int selectedId =
gd.getCheckedRadioButtonId();
                //Log.d("radio","rad bt id:
"+selectedId);//i is 1,2,3 as it is not assigned
                check_rb = (RadioButton)
findViewById(selectedId);
                String gender =
check_rb.getText().toString(); //getTExt returns
CharSequence

                String
marital_stat=ms_sp.getSelectedItem().toString();
                //Log.d("sat","sat string :
"+marital_stat);
                //long spin_id =ms_sp.getSelectedItemId();
//id sarts with 0
                //Log.d("sat","sat item id: "+spin_id);
                //System.out.println("id:"+spin_id);

                String contact =
contact_et.getText().toString();

                if (smoke_cb.isChecked())
                    add+="Smoking ";
                if(alcohol_cb.isChecked())
                    add+="Alcohol";
```

```
                Bundle b = new Bundle();

                b.putString("name", name_field);
                b.putString("day", day);
                b.putString("month", month);
                b.putString("year", year);
                b.putString("gender", gender);
                b.putString("marital", marital_stat);
                b.putString("contact", contact);
                b.putString("addiction", add);
                myIntent.putExtras(b);
                startActivity(myIntent);
            }
        });
    }

    public void resetFields(View v){
        name.setText("");
        gd.clearCheck();
        ms_sp.setSelection(0);
        contact_et.setText("");
        smoke_cb.setChecked(false);
        alcohol_cb.setChecked(false);
        Calendar c = Calendar.getInstance();
        int year = c.get(Calendar.YEAR);
        int month = c.get(Calendar.MONTH);
        int day = c.get(Calendar.DAY_OF_MONTH);
        dob.init(year, month, day, null);
    }
```

page2.java:

```
package com.example.vaish.ex2new;

import android.support.v7.app.AppCompatActivity;
import java.text.SimpleDateFormat;
import java.util.Date;
import android.os.Bundle;
import android.widget.RadioGroup;
import android.widget.TextView;
import android.widget.Toast;

public class page2 extends AppCompatActivity {

    TextView name,dob,gender,marital,contact,addict;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
```

```java
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_page2);

        name = findViewById(R.id.name_tb);
        dob = findViewById(R.id.dob_tb);
        gender = findViewById(R.id.gender_tb);
        marital = findViewById(R.id.marital_tb);
        contact = findViewById(R.id.contact_tb);
        addict = findViewById(R.id.addict_tb);

        Bundle extras = getIntent().getExtras();
        if(extras == null) {
            //set all string to null
        } else {
            name.setText( extras.getString("name"));
            gender.setText( extras.getString("gender"));
            marital.setText( extras.getString("marital"));
            contact.setText( extras.getString("contact"));
            addict.setText( extras.getString("addiction"));
            String date=extras.getString("day")+"-
"+extras.getString("month")+"-"+extras.getString("year");
            dob.setText(date);

        }

    }

}
```

OUTPUT: