**Emergency Reporting System – Android**

**Technical Report**

**Documentation of Code:**

**Layouts code:**

**activity\_login:**

|  |
| --- |
| <?xml version="1.0" encoding="utf-8"?> |
|  | <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android" |
|  | xmlns:tools="http://schemas.android.com/tools" |
|  | android:id="@+id/activity\_login" |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="match\_parent" |
|  | android:paddingBottom="@dimen/activity\_vertical\_margin" |
|  | android:paddingLeft="@dimen/activity\_horizontal\_margin" |
|  | android:paddingRight="@dimen/activity\_horizontal\_margin" |
|  | android:paddingTop="@dimen/activity\_vertical\_margin" |
|  | android:background="@mipmap/loginnew" |
|  |  |
|  |  |
|  | > |
|  |  |
|  | <LinearLayout |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="260dp" |
|  | android:id="@+id/linearLayout" |
|  | android:orientation="horizontal"></LinearLayout> |
|  |  |
|  | <Button |
|  | android:text="Button" |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:layout\_alignTop="@+id/signIn" |
|  | android:layout\_toEndOf="@+id/signIn" |
|  | android:layout\_marginStart="11dp" |
|  | android:layout\_marginTop="36dp" |
|  | android:id="@+id/register" |
|  | android:alpha="0" |
|  | /> |
|  |  |
|  | <Button |
|  | android:text="Button" |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:layout\_above="@+id/register" |
|  | android:layout\_alignStart="@+id/register" |
|  | android:id="@+id/forgotBTN" |
|  | android:alpha="0" |
|  | /> |
|  |  |
|  | <Button |
|  | android:text="Button" |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:layout\_marginTop="48dp" |
|  | android:id="@+id/signIn" |
|  | android:layout\_below="@+id/passwordET" |
|  | android:layout\_centerHorizontal="true" |
|  | android:alpha="0" |
|  | /> |
|  |  |
|  | <EditText |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:inputType="textPassword" |
|  |  |
|  | android:ems="10" |
|  | android:layout\_marginTop="37dp" |
|  | android:id="@+id/passwordET" |
|  | android:layout\_below="@+id/userET" |
|  | android:layout\_alignStart="@+id/userET" /> |
|  |  |
|  | <EditText |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:inputType="textPersonName" |
|  |  |
|  | android:ems="10" |
|  | android:layout\_marginTop="10dp" |
|  | android:id="@+id/userET" |
|  | android:layout\_below="@+id/linearLayout" |
|  | android:layout\_toStartOf="@+id/forgotBTN" /> |
|  |  |
|  |  |
|  | </RelativeLayout> |

**Activity\_main:**

|  |
| --- |
| <?xml version="1.0" encoding="utf-8"?> |
|  | <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android" |
|  | xmlns:app="http://schemas.android.com/apk/res-auto" |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="match\_parent" |
|  | android:orientation="vertical" |
|  | android:paddingBottom="@dimen/activity\_vertical\_margin" |
|  | android:paddingLeft="@dimen/activity\_horizontal\_margin" |
|  | android:paddingRight="@dimen/activity\_horizontal\_margin" |
|  | android:paddingTop="@dimen/activity\_vertical\_margin" |
|  | android:weightSum="1" |
|  | android:background="@mipmap/mainbg" |
|  |  |
|  |  |
|  | > |
|  |  |
|  |  |
|  | <Button |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:background="@drawable/round\_complaint" |
|  | android:id="@+id/hospitalFindBTN" |
|  | android:alpha="0" |
|  |  |
|  |  |
|  | android:layout\_alignParentBottom="true" |
|  | android:layout\_alignParentEnd="true" |
|  | android:layout\_marginBottom="40dp" /> |
|  |  |
|  | <Button |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:background="@drawable/round\_complaint" |
|  | android:id="@+id/emergencyContactsBTN" |
|  | android:alpha="0" |
|  | android:layout\_alignBaseline="@+id/hospitalFindBTN" |
|  | android:layout\_alignBottom="@+id/hospitalFindBTN" |
|  | android:layout\_alignParentStart="true" /> |
|  |  |
|  | <Button |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:background="@drawable/round\_complaint" |
|  | android:id="@+id/complaintIBTN" |
|  | android:alpha="0" |
|  | android:layout\_alignBaseline="@+id/hospitalFindBTN" |
|  | android:layout\_alignBottom="@+id/hospitalFindBTN" |
|  | android:layout\_toStartOf="@+id/hospitalFindBTN" /> |
|  |  |
|  | <Button |
|  | android:text="Button" |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:layout\_marginTop="116dp" |
|  | android:id="@+id/settingsBTN" |
|  | android:alpha="0" |
|  | android:background="@drawable/round\_small\_new" |
|  | android:layout\_alignParentTop="true" |
|  | android:layout\_alignParentEnd="true" /> |
|  |  |
|  | <Button |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:background="@drawable/round\_button" |
|  | android:id="@+id/emergencyIBTN" |
|  | android:alpha="0" |
|  | android:layout\_marginTop="39dp" |
|  | android:layout\_alignTop="@+id/settingsBTN" |
|  | android:layout\_centerHorizontal="true" /> |
|  |  |
|  | <Button |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:background="@drawable/round\_complaint" |
|  | android:id="@+id/iamfineBTN" |
|  | android:alpha="0" |
|  | android:layout\_marginBottom="47dp" |
|  | android:layout\_above="@+id/hospitalFindBTN" |
|  | android:layout\_alignParentEnd="true" /> |
|  |  |
|  | </RelativeLayout> |

**Activity\_forgot password:**

|  |
| --- |
| <?xml version="1.0" encoding="utf-8"?> |
|  | <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android" |
|  | xmlns:tools="http://schemas.android.com/tools" |
|  | android:id="@+id/activity\_forgot\_password" |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="match\_parent" |
|  | android:paddingBottom="@dimen/activity\_vertical\_margin" |
|  | android:paddingLeft="@dimen/activity\_horizontal\_margin" |
|  | android:paddingRight="@dimen/activity\_horizontal\_margin" |
|  | android:paddingTop="@dimen/activity\_vertical\_margin" |
|  | tools:context="com.example.s525721.myapplication.ForgotPasswordActivity" |
|  | android:background="@mipmap/regbg" |
|  | > |
|  |  |
|  |  |
|  | <Button |
|  | android:text="Update" |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:layout\_below="@+id/usernameET" |
|  | android:layout\_centerHorizontal="true" |
|  | android:layout\_marginTop="16dp" |
|  | android:id="@+id/updatePassword" |
|  | android:background="#2b611e" |
|  | android:textColor="#fff" |
|  | /> |
|  |  |
|  | <TextView |
|  | android:text="RESET PASSWORD" |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:layout\_marginTop="130dp" |
|  | android:id="@+id/recreateTV" |
|  | android:textColor="#1d5013" |
|  | android:textSize="25dp" |
|  | android:layout\_alignParentTop="true" |
|  | android:layout\_centerHorizontal="true" /> |
|  |  |
|  | <EditText |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="wrap\_content" |
|  | android:inputType="textPersonName" |
|  | android:ems="10" |
|  | android:layout\_marginTop="22dp" |
|  | android:id="@+id/usernameET" |
|  | android:hint="Enter your email " |
|  | android:layout\_below="@+id/recreateTV" |
|  |  |
|  | android:layout\_marginEnd="19dp" |
|  | android:layout\_marginLeft="30dp" |
|  | /> |
|  |  |
|  |  |
|  | </RelativeLayout> |

**Activity\_registration:**

|  |
| --- |
| <?xml version="1.0" encoding="utf-8"?> |
|  | <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android" |
|  | xmlns:tools="http://schemas.android.com/tools" |
|  | android:id="@+id/activity\_registration" |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="match\_parent" |
|  | android:paddingBottom="@dimen/activity\_vertical\_margin" |
|  | android:paddingLeft="@dimen/activity\_horizontal\_margin" |
|  | android:paddingRight="@dimen/activity\_horizontal\_margin" |
|  | android:paddingTop="100dp" |
|  | android:background="@mipmap/signupnew" |
|  |  |
|  | tools:context="com.example.s525721.myapplication.LoginActivity" |
|  | > |
|  |  |
|  |  |
|  | <EditText |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:inputType="textPersonName" |
|  |  |
|  | android:ems="10" |
|  | android:layout\_marginTop="46dp" |
|  | android:id="@+id/user919ET" |
|  | android:background="@android:color/transparent" |
|  |  |
|  | android:layout\_below="@+id/nameET" |
|  | android:layout\_alignStart="@+id/nameET" /> |
|  |  |
|  | <EditText |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:inputType="textPersonName" |
|  |  |
|  | android:ems="10" |
|  | android:layout\_marginTop="56dp" |
|  | android:id="@+id/mailET" |
|  | android:background="@android:color/transparent" |
|  |  |
|  | android:layout\_below="@+id/user919ET" |
|  | android:layout\_alignStart="@+id/user919ET" /> |
|  |  |
|  | <Button |
|  | android:text="Button" |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:id="@+id/signUpBTN" |
|  | android:alpha="0" |
|  | android:layout\_below="@+id/cpassEditText" |
|  | android:layout\_alignEnd="@+id/cpassEditText" |
|  | android:layout\_marginTop="10dp" /> |
|  |  |
|  | <EditText |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:inputType="textPersonName" |
|  |  |
|  | android:ems="10" |
|  | android:layout\_marginStart="38dp" |
|  | android:layout\_marginTop="140dp" |
|  | android:id="@+id/nameET" |
|  | android:background="@android:color/transparent" |
|  |  |
|  |  |
|  | android:layout\_alignParentTop="true" |
|  | android:layout\_alignParentStart="true" /> |
|  |  |
|  | <Button |
|  | android:text="Button" |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:layout\_marginStart="56dp" |
|  | android:id="@+id/signInHere" |
|  | android:onClick="signInHere" |
|  | android:alpha="0" |
|  |  |
|  |  |
|  | android:layout\_below="@+id/signUpBTN" |
|  | android:layout\_alignStart="@+id/signUpBTN" /> |
|  |  |
|  | <ImageButton android:id="@+id/passwordPolicy" |
|  |  |
|  |  |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:background="@mipmap/info" |
|  | android:layout\_marginRight="30dp" |
|  | android:layout\_below="@+id/mailET" |
|  | android:layout\_toEndOf="@+id/signInHere" |
|  | android:layout\_marginStart="20dp" /> |
|  |  |
|  | <EditText |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:inputType="textPassword" |
|  | android:ems="10" |
|  | android:layout\_marginTop="43dp" |
|  | android:id="@+id/cpassEditText" |
|  | android:background="@android:color/transparent" |
|  |  |
|  | android:layout\_below="@+id/passwordEditText" |
|  | android:layout\_alignStart="@+id/passwordEditText" /> |
|  |  |
|  | <EditText |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:inputType="textPassword" |
|  | android:ems="10" |
|  | android:id="@+id/passwordEditText" |
|  | android:background="@android:color/transparent" |
|  |  |
|  | android:layout\_marginStart="6dp" |
|  | android:layout\_below="@+id/passwordPolicy" |
|  | android:layout\_alignStart="@+id/mailET" |
|  | android:layout\_marginTop="21dp" /> |
|  | <LinearLayout |
|  | android:orientation="vertical" |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:layout\_alignBottom="@+id/passwordEditText" |
|  | android:layout\_centerHorizontal="true" |
|  | android:layout\_marginBottom="15dp" |
|  | android:padding="15dp" |
|  | android:id="@+id/popLayout" |
|  | android:background="@android:color/background\_light"> |
|  |  |
|  | <TextView |
|  | android:text="Password Policy:" |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="wrap\_content" |
|  | android:id="@+id/textView2" |
|  | android:textColor="@color/colorAccent" |
|  | android:textSize="25sp" /> |
|  |  |
|  | <TextView |
|  | android:text="1. Min characters: 8" |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="wrap\_content" |
|  | android:id="@+id/textView3" |
|  | android:textColor="@android:color/black" /> |
|  |  |
|  | <TextView |
|  | android:text="2. Max characters: 20" |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="wrap\_content" |
|  | android:id="@+id/textView6" |
|  | android:textColor="@android:color/black" /> |
|  |  |
|  | <TextView |
|  | android:text="3. Atleast 1 capital, 1 number, 1 special character" |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="wrap\_content" |
|  | android:id="@+id/textView7" |
|  | android:textColor="@android:color/black" /> |
|  |  |
|  | <TextView |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="wrap\_content" |
|  | android:id="@+id/textView8" |
|  | android:text="4. Min 1 small character" |
|  | android:textColor="@android:color/black" /> |
|  |  |
|  | <Button |
|  | android:text="OK" |
|  | android:textColor="#fff" |
|  | android:textSize="30sp" |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="wrap\_content" |
|  | android:id="@+id/popCancelBTN" |
|  | android:onClick="popCancel" |
|  | android:background="#1d5013" /> |
|  | </LinearLayout> |
|  |  |
|  | </RelativeLayout> |

**Activity\_adding mails:**

|  |
| --- |
| <?xml version="1.0" encoding="utf-8"?> |
|  | <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android" |
|  | xmlns:tools="http://schemas.android.com/tools" |
|  | android:id="@+id/activity\_adding\_mails" |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="match\_parent" |
|  | android:paddingBottom="@dimen/activity\_vertical\_margin" |
|  | android:paddingLeft="@dimen/activity\_horizontal\_margin" |
|  | android:paddingRight="@dimen/activity\_horizontal\_margin" |
|  | android:paddingTop="@dimen/activity\_vertical\_margin" |
|  | android:background="@mipmap/recipeints" |
|  | tools:context="com.example.s525721.myapplication.AddingMailsActivity"> |
|  |  |
|  |  |
|  | <ListView |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="match\_parent" |
|  | android:layout\_marginTop="62dp" |
|  | android:id="@+id/mailsListView" |
|  | android:layout\_below="@+id/addEmailBTN" |
|  | android:layout\_alignParentStart="true" |
|  | android:layout\_marginLeft="25dp" |
|  | android:layout\_marginRight="25dp"/> |
|  |  |
|  | <Button |
|  | android:text="Button" |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:layout\_marginEnd="26dp" |
|  | android:id="@+id/addEmailBTN" |
|  | android:alpha="0" |
|  |  |
|  | android:layout\_alignTop="@+id/addEmailET" |
|  | android:layout\_alignParentEnd="true" /> |
|  |  |
|  | <EditText |
|  | android:hint="Enter recipient's mail" |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:layout\_marginStart="34dp" |
|  | android:layout\_marginTop="248dp" |
|  | android:id="@+id/addEmailET" |
|  | android:layout\_alignParentTop="true" |
|  | android:layout\_alignParentStart="true" /> |
|  |  |
|  |  |
|  | </RelativeLayout> |

**Activity\_compliant:**

|  |
| --- |
| <?xml version="1.0" encoding="utf-8"?> |
|  | <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android" |
|  | xmlns:tools="http://schemas.android.com/tools" |
|  | android:id="@+id/activity\_complaint" |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="match\_parent" |
|  | android:paddingBottom="@dimen/activity\_vertical\_margin" |
|  | android:paddingLeft="@dimen/activity\_horizontal\_margin" |
|  | android:paddingRight="@dimen/activity\_horizontal\_margin" |
|  | android:paddingTop="@dimen/activity\_vertical\_margin" |
|  | android:background="@mipmap/complaint" |
|  | tools:context="com.example.s525721.myapplication.ComplaintActivity"> |
|  |  |
|  | <!-- <Button |
|  | android:text="Take PHOTO" |
|  | android:layout\_width="100dp" |
|  | android:layout\_height="100dp" |
|  | android:id="@+id/takePhotobutton" |
|  | android:background="@drawable/round\_small\_blue" |
|  | android:layout\_below="@+id/scrollMultiText" |
|  | android:layout\_marginTop="10dp" |
|  | android:layout\_toStartOf="@+id/submitReportBTN" |
|  | android:textColor="#ff1"/> |
|  |  |
|  | <Button |
|  | android:text="Upload Image" |
|  | android:layout\_width="100dp" |
|  | android:layout\_height="100dp" |
|  | android:id="@+id/uploadImageBTN" |
|  | android:layout\_below="@id/scrollMultiText" |
|  | android:layout\_toRightOf="@+id/takePhotobutton" |
|  | android:layout\_marginTop="10dp" |
|  | android:layout\_toEndOf="@+id/submitReportBTN" |
|  | android:background="@drawable/round\_small\_blue" |
|  | android:layout\_marginBottom="59dp" |
|  | android:textColor="#ff3" |
|  | android:onClick="uploadPhoto" />--> |
|  |  |
|  |  |
|  | <EditText |
|  | android:inputType="textMultiLine" |
|  | android:lines="8" |
|  | android:minLines="3" |
|  | android:gravity="top|left" |
|  | android:maxLines="10" |
|  | android:layout\_height="wrap\_content" |
|  | android:layout\_width="fill\_parent" |
|  | android:scrollbars="vertical" |
|  | android:paddingTop="30dp" |
|  | android:id="@+id/conplaintEditText" |
|  | android:background="@android:color/transparent" |
|  | android:layout\_marginLeft="55dp" |
|  | android:layout\_marginRight="15dp" |
|  |  |
|  | android:layout\_marginBottom="101dp" |
|  | android:layout\_above="@+id/submitReportBTN" |
|  | android:layout\_alignParentStart="true" /> |
|  |  |
|  | <Button |
|  | android:text="Submit" |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:layout\_marginBottom="43dp" |
|  | android:id="@+id/submitReportBTN" |
|  | android:textColor="#fff" |
|  | android:background="@drawable/round\_complaint" |
|  | android:alpha="0" |
|  | android:layout\_alignParentBottom="true" |
|  | android:layout\_centerHorizontal="true" /> |
|  |  |
|  | <Spinner |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="wrap\_content" |
|  | android:id="@+id/complaintTypeSpinner" |
|  |  |
|  | android:layout\_marginLeft="30dp" |
|  | android:layout\_marginRight="20dp" |
|  | android:layout\_marginBottom="33dp" |
|  | android:layout\_above="@+id/conplaintEditText" |
|  | android:layout\_alignEnd="@+id/conplaintEditText" /> |
|  | </RelativeLayout> |

**Activity\_phone number:**

|  |
| --- |
| <?xml version="1.0" encoding="utf-8"?> |
|  | <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android" |
|  | xmlns:app="http://schemas.android.com/apk/res-auto" |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="match\_parent" |
|  | android:paddingBottom="@dimen/activity\_vertical\_margin" |
|  | android:paddingLeft="@dimen/activity\_horizontal\_margin" |
|  | android:paddingRight="@dimen/activity\_horizontal\_margin" |
|  | android:paddingTop="@dimen/activity\_vertical\_margin" |
|  | android:background="@mipmap/contacts" |
|  | > |
|  | <LinearLayout |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="180dp" |
|  | android:id="@+id/linearLayout" |
|  | android:orientation="horizontal"></LinearLayout> |
|  |  |
|  | <TextView |
|  | android:text="Emergency(911)" |
|  | android:textColor="#1d5013" |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:id="@+id/number1" |
|  | android:textSize="30sp" |
|  | android:layout\_above="@+id/call2" |
|  | android:layout\_alignEnd="@+id/number2" |
|  |  |
|  | android:background="#fff"/> |
|  |  |
|  | <TextView |
|  | android:text="SSM health" |
|  | android:textColor="#1d5013" |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:id="@+id/number4" |
|  | android:textSize="30sp" |
|  | android:layout\_below="@+id/number3" |
|  | android:layout\_alignEnd="@+id/number2" |
|  | android:paddingTop="10dp" |
|  | android:background="#fff" |
|  | /> |
|  |  |
|  | <TextView |
|  | android:text="Sexual Assault" |
|  | android:textColor="#1d5013" |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:id="@+id/number3" |
|  | android:textSize="30sp" |
|  | android:background="#fff" |
|  |  |
|  | android:layout\_above="@+id/call4" |
|  | android:layout\_alignEnd="@+id/number4" /> |
|  |  |
|  | <TextView |
|  | android:text="University Police" |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:layout\_marginStart="15dp" |
|  | android:textColor="#1d5013" |
|  | android:id="@+id/number2" |
|  | android:textSize="30dp" |
|  | android:background="#fff" |
|  | android:layout\_above="@+id/call3" |
|  | android:layout\_alignParentStart="true" /> |
|  |  |
|  | <TextView |
|  | android:text="Fire Emergency" |
|  | android:textColor="#1d5013" |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | android:id="@+id/number5" |
|  | android:textSize="30sp" |
|  | android:paddingTop="10dp" |
|  | android:background="#fff" |
|  | android:layout\_below="@+id/number4" |
|  | android:layout\_alignEnd="@+id/number4" /> |
|  |  |
|  | <ImageButton |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | app:srcCompat="@mipmap/call40" |
|  | android:alpha="1" |
|  | android:id="@+id/call4" |
|  | android:paddingTop="10dp" |
|  | android:onClick="callSSMhealth" |
|  | android:layout\_below="@+id/call3" |
|  | android:layout\_alignStart="@+id/call5" |
|  | android:layout\_marginTop="15dp" /> |
|  |  |
|  | <ImageButton |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | app:srcCompat="@mipmap/call40" |
|  | android:alpha="1" |
|  | android:id="@+id/call5" |
|  | android:paddingTop="10dp" |
|  | android:onClick="callFire" |
|  | android:layout\_alignBottom="@+id/number5" |
|  | android:layout\_alignStart="@+id/call3" /> |
|  |  |
|  | <ImageButton |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | app:srcCompat="@mipmap/call40" |
|  | android:alpha="1" |
|  | android:id="@+id/call3" |
|  | android:paddingTop="10dp" |
|  | android:onClick="callSexualAssault" |
|  | android:layout\_centerVertical="true" |
|  | android:layout\_alignStart="@+id/call2" /> |
|  |  |
|  | <ImageButton |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | app:srcCompat="@mipmap/call40" |
|  | android:alpha="1" |
|  | android:id="@+id/call2" |
|  | android:paddingTop="10dp" |
|  | android:onClick="callUPD" |
|  | android:layout\_above="@+id/call3" |
|  | android:layout\_alignStart="@+id/call1" /> |
|  |  |
|  | <ImageButton |
|  | android:layout\_width="wrap\_content" |
|  | android:layout\_height="wrap\_content" |
|  | app:srcCompat="@mipmap/call40" |
|  | android:id="@+id/call1" |
|  | android:paddingTop="15dp" |
|  | android:onClick="call919" |
|  | android:layout\_marginEnd="30dp" |
|  | android:layout\_above="@+id/call2" |
|  | android:layout\_alignParentEnd="true" /> |
|  |  |
|  | </RelativeLayout> |

**Activity\_places:**

|  |
| --- |
| <?xml version="1.0" encoding="utf-8"?> |
|  | <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android" |
|  | xmlns:tools="http://schemas.android.com/tools" |
|  | android:id="@+id/activity\_places" |
|  | android:layout\_width="match\_parent" |
|  | android:layout\_height="match\_parent" |
|  | android:paddingBottom="@dimen/activity\_vertical\_margin" |
|  | android:paddingLeft="@dimen/activity\_horizontal\_margin" |
|  | android:paddingRight="@dimen/activity\_horizontal\_margin" |
|  | android:paddingTop="@dimen/activity\_vertical\_margin" |
|  | tools:context="com.example.s525721.myapplication.PlacesActivity"> |
|  |  |
|  | </RelativeLayout> |

**Functional code:**

**App.java:**

|  |
| --- |
| package com.example.s525721.myapplication; |
|  |  |
|  | import android.app.Application; |
|  |  |
|  | import com.parse.Parse; |
|  | import com.parse.ParseObject; |
|  | import com.parse.ParseUser; |
|  |  |
|  | /\*\* |
|  | \* Created by S525894 on 11/23/2016. |
|  | \*/ |
|  |  |
|  | public class App extends Application { |
|  | @Override |
|  | public void onCreate() { |
|  | super.onCreate(); |
|  |  |
|  | Parse.initialize(new Parse.Configuration.Builder(this) |
|  | .applicationId("81HoKnauaDlvgFHGRd7hBCNrjEt4V70MOSHW4F0w") |
|  | .clientKey("BrXxoHxS4BCALYGmO0QyOxvz3QB9j26SLGFTfZx5") |
|  | .server("https://parseapi.back4app.com") // The trailing slash is important. |
|  |  |
|  |  |
|  | .build() |
|  | //COmmit with this project |
|  | ); |
|  |  |
|  |  |
|  |  |
|  | } |
|  | } |

**Adding mails.java:**

|  |
| --- |
| package com.example.s525721.myapplication; |
|  |  |
|  | import android.support.v7.app.AppCompatActivity; |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.view.inputmethod.InputMethodManager; |
|  | import android.widget.ArrayAdapter; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.ListView; |
|  | import android.widget.RelativeLayout; |
|  | import android.widget.Toast; |
|  |  |
|  | import com.parse.FindCallback; |
|  | import com.parse.GetCallback; |
|  | import com.parse.Parse; |
|  | import com.parse.ParseException; |
|  | import com.parse.ParseObject; |
|  | import com.parse.ParseQuery; |
|  | import com.parse.ParseUser; |
|  | import com.parse.SaveCallback; |
|  | import com.parse.SignUpCallback; |
|  |  |
|  | import java.util.ArrayList; |
|  | import java.util.List; |
|  |  |
|  | public class AddingMailsActivity extends AppCompatActivity { |
|  | EditText recipientMail; |
|  | Button addRecipientBTN; |
|  | ListView recipientMailsList; |
|  | ArrayList<String> emails; |
|  | ArrayAdapter emailArray; |
|  | RelativeLayout mailRL; |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_adding\_mails); |
|  |  |
|  | recipientMail = (EditText) findViewById(R.id.addEmailET); |
|  | addRecipientBTN = (Button) findViewById(R.id.addEmailBTN); |
|  | recipientMailsList = (ListView) findViewById(R.id.mailsListView); |
|  | emails = new ArrayList<String>(); |
|  |  |
|  | emailArray = new ArrayAdapter(this,android.R.layout.simple\_list\_item\_1,emails); |
|  | recipientMailsList.setAdapter(emailArray); |
|  |  |
|  | mailRL = (RelativeLayout) findViewById(R.id.activity\_adding\_mails); |
|  | mailRL.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View view) { |
|  | InputMethodManager inputMethodManager = (InputMethodManager) getSystemService(INPUT\_METHOD\_SERVICE); |
|  | inputMethodManager.hideSoftInputFromWindow(getCurrentFocus().getWindowToken(), 0); |
|  | } |
|  | }); |
|  |  |
|  |  |
|  | fetchData(); |
|  |  |
|  | addRecipientBTN.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View view) { |
|  | emailArray.notifyDataSetChanged(); |
|  | //emails.add(recipientMail.getText().toString()); |
|  | ParseObject recipients = new ParseObject("EmailRecipients"); |
|  | String mailString = recipientMail.getText().toString(); |
|  | String emailPattern = "[a-zA-Z0-9.\_-]+@[a-z]+\\.+[a-z]+"; |
|  | if (mailString.matches(emailPattern)) { |
|  | recipients.put("Username", ParseUser.getCurrentUser().getUsername()); |
|  | recipients.put("recipientEmail", mailString); |
|  | emails.add(mailString); |
|  |  |
|  |  |
|  |  |
|  | //recipients.put("email", recipientMail.getText().toString()); |
|  |  |
|  |  |
|  | recipients.saveInBackground(new SaveCallback() { |
|  | @Override |
|  | public void done(ParseException e) { |
|  | if (e == null) { |
|  | //fetchData(); |
|  | Toast.makeText(AddingMailsActivity.this, "Successfully Added", Toast.LENGTH\_SHORT).show(); |
|  | } else { |
|  | //Log.i("Error: ", e.getMessage()); |
|  | Toast.makeText(AddingMailsActivity.this, "Email not added to the list", Toast.LENGTH\_SHORT).show(); |
|  | } |
|  | } |
|  | }); |
|  | }else{ |
|  | Toast.makeText(AddingMailsActivity.this,"Please enter correct email",Toast.LENGTH\_SHORT).show(); |
|  | } |
|  | } |
|  | }); |
|  |  |
|  | } |
|  |  |
|  | public void fetchData(){ |
|  | ParseQuery<ParseObject> query = ParseQuery.getQuery("EmailRecipients"); |
|  | query.whereEqualTo("Username",ParseUser.getCurrentUser().getUsername()); |
|  | query.findInBackground(new FindCallback<ParseObject>() { |
|  | @Override |
|  | public void done(List<ParseObject> list, ParseException e) { |
|  |  |
|  | if (e==null) { |
|  |  |
|  |  |
|  | //Toast.makeText(AddingMailsActivity.this, "Retrieved", Toast.LENGTH\_SHORT).show(); |
|  |  |
|  | if (list.size() > 0) { |
|  | for (ParseObject object : list) { |
|  | String mail= object.getString("recipientEmail"); |
|  | // Log.i("Retrivd",mail); |
|  | emails.add(mail); |
|  | emailArray.notifyDataSetChanged(); |
|  | } |
|  | } |
|  | } |
|  |  |
|  | } |
|  |  |
|  |  |
|  | }); |
|  |  |
|  |  |
|  | } |
|  |  |
|  |  |
|  | } |

**Compliant Activity.java:**

|  |
| --- |
| package com.example.s525721.myapplication; |
|  |  |
|  | import android.Manifest; |
|  | import android.content.Context; |
|  | import android.content.DialogInterface; |
|  | import android.content.Intent; |
|  | import android.content.pm.PackageManager; |
|  | import android.location.Location; |
|  | import android.location.LocationListener; |
|  | import android.location.LocationManager; |
|  | import android.net.Uri; |
|  | import android.os.Build; |
|  | import android.os.Environment; |
|  | import android.provider.MediaStore; |
|  | import android.provider.Settings; |
|  | import android.support.annotation.NonNull; |
|  | import android.support.v4.app.ActivityCompat; |
|  | import android.support.v4.content.ContextCompat; |
|  | import android.support.v7.app.AlertDialog; |
|  | import android.support.v7.app.AppCompatActivity; |
|  | import android.os.Bundle; |
|  | import android.support.v7.app.NotificationCompat; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.view.inputmethod.InputMethodManager; |
|  | import android.widget.ArrayAdapter; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.RelativeLayout; |
|  | import android.widget.Spinner; |
|  | import android.widget.Toast; |
|  |  |
|  | import com.kinvey.java.Util; |
|  | import com.parse.Parse; |
|  | import com.parse.ParseException; |
|  | import com.parse.ParseObject; |
|  | import com.parse.ParseUser; |
|  | import com.parse.SaveCallback; |
|  |  |
|  | import java.io.File; |
|  | import java.text.SimpleDateFormat; |
|  | import java.util.ArrayList; |
|  | import java.util.Date; |
|  | import java.util.List; |
|  | import java.util.Locale; |
|  |  |
|  |  |
|  | public class ComplaintActivity extends AppCompatActivity { |
|  | // private static final int TAKE\_PIC\_REQUEST\_CODE = 0; |
|  | // private static final int CHOOSE\_PIC\_REQUEST\_CODE = 1; |
|  | // public static final int MEDIA\_TYPE\_IMAGE = 2; |
|  |  |
|  | private EditText data; |
|  | private Button submitReport; |
|  | //private Button hospitalSearch; |
|  | private Spinner dropDownComplaintType; |
|  |  |
|  | // private Uri mMediaUri; |
|  |  |
|  | private double latitude; |
|  | private double longitude; |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_complaint); |
|  | data = (EditText) findViewById(R.id.conplaintEditText); |
|  | submitReport = (Button) findViewById(R.id.submitReportBTN); |
|  | //emergencyContacts = (Button) findViewById(R.id.conatactsBTN); |
|  | dropDownComplaintType = (Spinner) findViewById(R.id.complaintTypeSpinner); |
|  |  |
|  | Intent receivingCoOrdinates = getIntent(); |
|  | latitude = receivingCoOrdinates.getDoubleExtra("Lat",0.0); |
|  | longitude = receivingCoOrdinates.getDoubleExtra("Lng",0.0); |
|  |  |
|  |  |
|  | RelativeLayout relativeLayout = (RelativeLayout) findViewById(R.id.activity\_complaint); |
|  | relativeLayout.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View view) { |
|  | InputMethodManager inputMethodManager = (InputMethodManager) getSystemService(INPUT\_METHOD\_SERVICE); |
|  | inputMethodManager.hideSoftInputFromWindow(getCurrentFocus().getWindowToken(), 0); |
|  | } |
|  | }); |
|  |  |
|  | //Spinner code, adding emergency types to dropdown |
|  | List<String> list = new ArrayList<String>(); |
|  | list.add("Choose complaint Type"); |
|  | list.add("Fire Emergency"); |
|  | list.add("Health Emergency"); |
|  | list.add("Founded Suspicious Activity or Person"); |
|  | list.add("Other"); |
|  | ArrayAdapter<String> dataAdapter = new ArrayAdapter<String>(this, |
|  | android.R.layout.simple\_spinner\_item, list); |
|  | dataAdapter.setDropDownViewResource(android.R.layout.simple\_spinner\_dropdown\_item); |
|  | dropDownComplaintType.setAdapter(dataAdapter); |
|  |  |
|  |  |
|  | //Log.d("Enter to fileComplaint", "Success"); |
|  |  |
|  |  |
|  |  |
|  | submitReport.setOnClickListener(new View.OnClickListener() { |
|  |  |
|  | @Override |
|  | public void onClick(View view) { |
|  | if (dropDownComplaintType.getSelectedItem() == "Choose complaint Type") { |
|  |  |
|  | Toast.makeText(ComplaintActivity.this, "Please Choose Specific Complaint", Toast.LENGTH\_SHORT).show(); |
|  |  |
|  | } else if (data.getText().toString().isEmpty() || data.getText().toString() == "") { |
|  |  |
|  | Toast.makeText(ComplaintActivity.this, "Please Enter Comlaint data", Toast.LENGTH\_SHORT).show(); |
|  |  |
|  | } else { |
|  | sendEmail(); |
|  | //Log.d("Enter to fileComplaint", "Success1"); |
|  | if (fileComplaint() == true) { |
|  | //sendMailWithReport.sendEmail(sendMailWithReport.getLatitude(),sendMailWithReport.getLongitude()); |
|  | //Toast.makeText(getApplicationContext(), "Success- report added", Toast.LENGTH\_SHORT); |
|  |  |
|  | } else { |
|  | Toast.makeText(getApplicationContext(), "Fail - Report not added", Toast.LENGTH\_SHORT); |
|  | } |
|  | } |
|  | } |
|  | }); |
|  |  |
|  |  |
|  |  |
|  |  |
|  | // |
|  | // emergencyContacts.setOnClickListener(new View.OnClickListener() { |
|  | // @Override |
|  | // public void onClick(View view) { |
|  | // Intent contacts = new Intent(getApplicationContext(), PhoneNumber.class); |
|  | // startActivity(contacts); |
|  | // } |
|  | // }); |
|  |  |
|  |  |
|  | //Getting location |
|  |  |
|  |  |
|  | //keyboard hiding immediately after loading page |
|  | View view = this.getCurrentFocus(); |
|  | if (view != null) { |
|  | InputMethodManager imm = (InputMethodManager)getSystemService(Context.INPUT\_METHOD\_SERVICE); |
|  | imm.hideSoftInputFromWindow(view.getWindowToken(), 0); |
|  | } |
|  |  |
|  | } |
|  |  |
|  | // public void sendEmail(double latitude, double longitude) { |
|  | // |
|  | // String sub = sendMailWithReport.getCompleteAddressString(latitude, longitude); |
|  | // String body = "http://www.google.com/maps/place/" + String.valueOf(latitude) + "," + String.valueOf(longitude); |
|  | // |
|  | // SendMail sm = new SendMail(this, "moulichowdhary@gmail.com", sub, sub + "\n" + body); |
|  | // sm.execute(); |
|  | // |
|  | // |
|  | // } |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  | private boolean result; |
|  |  |
|  | protected boolean fileComplaint() { |
|  |  |
|  | Log.d("Enter to fileComplaint","Success2"); |
|  |  |
|  | // ParseUser currentUser = ParseUser.getCurrentUser(); |
|  | // currentUser.logOut(); |
|  |  |
|  | ParseObject parseObject = new ParseObject("EmergencyReport"); |
|  | parseObject.put("ComplaintString", data.getText().toString()); |
|  | parseObject.put("Username", ParseUser.getCurrentUser().getUsername()); |
|  | parseObject.saveInBackground(new SaveCallback() { |
|  | @Override |
|  | public void done(ParseException e) { |
|  | // Log.d("Enter to fileComplaint",e.getMessage()); |
|  |  |
|  | if (e == null) { |
|  |  |
|  | //Log.d("Enter to fileComplaint","Success3"); |
|  | //Toast.makeText(getApplicationContext(), "Report saved", Toast.LENGTH\_SHORT).show(); |
|  | // sendEmail(); |
|  | result = true; |
|  |  |
|  |  |
|  |  |
|  | } else { |
|  | Toast.makeText(getApplicationContext(), "Report not saved", Toast.LENGTH\_SHORT).show(); |
|  | result = false; |
|  | } |
|  | } |
|  | }); |
|  | return result; |
|  | } |
|  |  |
|  |  |
|  | protected void sendEmail( ) { |
|  | String body = "http://www.google.com/maps/place/" + String.valueOf(latitude) + "," + String.valueOf(longitude); |
|  |  |
|  | SendMail sm = new SendMail(this, "makkenasrinivasarao1@gmail.com", dropDownComplaintType.getSelectedItem().toString(), data.getText().toString() + "\n" +body ); |
|  | sm.execute(); |
|  |  |
|  |  |
|  | } |
|  |  |
|  |  |
|  | } |

**Forgot password activity.java:**

|  |
| --- |
| package com.example.s525721.myapplication; |
|  |  |
|  | import android.support.v7.app.AlertDialog; |
|  | import android.support.v7.app.AppCompatActivity; |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.Toast; |
|  |  |
|  | import com.parse.FindCallback; |
|  | import com.parse.ParseException; |
|  | import com.parse.ParseQuery; |
|  | import com.parse.ParseUser; |
|  | import com.parse.RequestPasswordResetCallback; |
|  |  |
|  | import java.util.List; |
|  |  |
|  | public class ForgotPasswordActivity extends AppCompatActivity { |
|  |  |
|  | EditText email; |
|  | Button update; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_forgot\_password); |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  | email = (EditText)findViewById(R.id.usernameET); |
|  |  |
|  | update = (Button) findViewById(R.id.updatePassword); |
|  |  |
|  |  |
|  |  |
|  |  |
|  | update.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View view) { |
|  |  |
|  | //Password reset code using Parse Server |
|  |  |
|  | ParseUser.requestPasswordResetInBackground(email.getText().toString(), |
|  | new RequestPasswordResetCallback() { |
|  | public void done(ParseException e) { |
|  | if (e == null) { |
|  | Toast.makeText(ForgotPasswordActivity.this,"Check a link your email \n to reset password",Toast.LENGTH\_SHORT).show(); |
|  | } else { |
|  | Toast.makeText(ForgotPasswordActivity.this,"Something went wrong"+e.getMessage(),Toast.LENGTH\_SHORT).show(); |
|  | // Something went wrong. Look at the ParseException to see what's up. |
|  | } |
|  | } |
|  | }); |
|  |  |
|  |  |
|  |  |
|  | } |
|  | }); |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  | } |
|  | } |

**Login activity.java:**

|  |
| --- |
|  |
| package com.example.s525721.myapplication; |
|  |  |
|  | import android.content.Context; |
|  | import android.content.Intent; |
|  | import android.content.SharedPreferences; |
|  | import android.os.Bundle; |
|  | import android.support.v7.app.AppCompatActivity; |
|  | import android.util.Log; |
|  | import android.view.KeyEvent; |
|  | import android.view.View; |
|  | import android.view.inputmethod.InputMethodManager; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.RelativeLayout; |
|  | import android.widget.TextView; |
|  | import android.widget.Toast; |
|  |  |
|  | import com.parse.LogInCallback; |
|  | import com.parse.Parse; |
|  | import com.parse.ParseQuery; |
|  |  |
|  | import com.parse.FindCallback; |
|  | import com.parse.ParseObject; |
|  | import com.parse.ParseException; |
|  |  |
|  |  |
|  |  |
|  | import com.kinvey.android.Client; |
|  | import com.kinvey.android.callback.KinveyPingCallback; |
|  | import com.parse.ParseUser; |
|  |  |
|  | import java.util.List; |
|  |  |
|  | public class LoginActivity extends AppCompatActivity implements View.OnClickListener{ |
|  | private EditText userID, Password; |
|  | private Button button4, rigisterBTN,forgotPasswordBTN; |
|  |  |
|  |  |
|  |  |
|  | // Redirected to main activity if user already logged in |
|  | public void isRedirected(){ |
|  | if (ParseUser.getCurrentUser() != null){ |
|  | Intent intent = new Intent(getApplicationContext(),MainActivity.class); |
|  | startActivity(intent); |
|  | } |
|  | } |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_login); |
|  | isRedirected(); |
|  |  |
|  | RelativeLayout relativeLayout = (RelativeLayout) findViewById(R.id.activity\_login); |
|  | relativeLayout.setOnClickListener(this); |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  | // session = new SessionManager(this); |
|  | // sharedpreferences = getSharedPreferences("Prefs", Context.MODE\_PRIVATE); |
|  | // editor = sharedpreferences.edit(); |
|  |  |
|  |  |
|  | rigisterBTN = (Button) findViewById(R.id.register); |
|  | rigisterBTN.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View view) { |
|  | Intent i = new Intent(getApplicationContext(), RegistrationActivity.class); |
|  |  |
|  | startActivity(i); |
|  | } |
|  | }); |
|  | //forgot password button |
|  |  |
|  |  |
|  | forgotPasswordBTN = (Button) findViewById(R.id.forgotBTN); |
|  | forgotPasswordBTN.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View view) { |
|  | Intent intent = new Intent(LoginActivity.this, ForgotPasswordActivity.class); |
|  | startActivity(intent); |
|  | } |
|  | }); |
|  |  |
|  |  |
|  | //log in button |
|  | button4 = (Button) findViewById(R.id.signIn); |
|  |  |
|  |  |
|  | button4.setOnClickListener(new View.OnClickListener() { |
|  | public void onClick(View view) { |
|  |  |
|  |  |
|  | userID = (EditText) findViewById(R.id.userET); |
|  | Password = (EditText) findViewById(R.id.passwordET); |
|  |  |
|  | final String user919ID = userID.getText().toString(); |
|  |  |
|  |  |
|  | final String password = Password.getText().toString(); |
|  | // String emailPattern = "[a-zA-Z0-9.\_-]+@[a-z]+\\.+[a-z]+"; |
|  |  |
|  |  |
|  | if (user919ID.isEmpty()) { |
|  | Toast.makeText(getApplicationContext(), "Please enter valid 919 ID ", Toast.LENGTH\_SHORT).show(); |
|  | // success = false; |
|  | } else if (password.isEmpty()) { |
|  | Toast.makeText(getApplicationContext(), "Please enter password", Toast.LENGTH\_SHORT).show(); |
|  | // success = false; |
|  | } else { |
|  | ParseUser.logInInBackground(user919ID, password, new LogInCallback() { |
|  |  |
|  | @Override |
|  | public void done(ParseUser user, ParseException e) { |
|  |  |
|  |  |
|  | if (e == null) { |
|  | //isRedirected(); |
|  |  |
|  | //session.createLoginSession(user919ID, password); |
|  |  |
|  | Intent i = new Intent(getApplicationContext(), MainActivity.class); |
|  | i.putExtra("919", userID.getText().toString()); |
|  |  |
|  | startActivity(i); |
|  | //finish(); |
|  |  |
|  |  |
|  | Toast.makeText(getApplicationContext(), "Success", Toast.LENGTH\_SHORT).show(); |
|  |  |
|  | } else { |
|  | Toast.makeText(getApplicationContext(), "No such user exist", Toast.LENGTH\_LONG).show(); |
|  | } |
|  |  |
|  | } |
|  | }); |
|  | } |
|  | } |
|  | }); |
|  | } |
|  |  |
|  |  |
|  | //hides keyboard when click on background layout |
|  | @Override |
|  | public void onClick(View view) { |
|  |  |
|  | //TextView login = (TextView) findViewById(R.id.loginLBL); |
|  | if (view.getId() == R.id.activity\_login || view.getId() == R.id.register ){ |
|  | InputMethodManager inputMethodManager = (InputMethodManager) getSystemService(INPUT\_METHOD\_SERVICE); |
|  | inputMethodManager.hideSoftInputFromWindow(getCurrentFocus().getWindowToken(),0); |
|  | } |
|  | } |
|  | } |
|  |  |
|  |  |

**Main acitivity.java:**

|  |
| --- |
| package com.example.s525721.myapplication; |
|  |  |
|  | import android.Manifest; |
|  | import android.content.Context; |
|  | import android.content.Intent; |
|  | import android.content.SharedPreferences; |
|  | import android.content.pm.PackageManager; |
|  | import android.location.Address; |
|  | import android.location.Geocoder; |
|  | import android.location.Location; |
|  | import android.location.LocationListener; |
|  | import android.location.LocationManager; |
|  | import android.os.Build; |
|  | import android.os.Bundle; |
|  | import android.provider.Settings; |
|  | import android.support.annotation.NonNull; |
|  | import android.support.annotation.Nullable; |
|  | import android.support.v4.app.ActivityCompat; |
|  | import android.support.v4.content.ContextCompat; |
|  | import android.support.v7.app.AppCompatActivity; |
|  | import android.util.Log; |
|  | import android.view.MenuItem; |
|  | import android.view.View; |
|  | import android.widget.Button; |
|  | import android.widget.ImageButton; |
|  | import android.widget.PopupMenu; |
|  | import android.widget.TextView; |
|  | import android.widget.Toast; |
|  |  |
|  | import com.fasterxml.jackson.core.util.DefaultPrettyPrinter; |
|  | import com.parse.FindCallback; |
|  | import com.parse.Parse; |
|  | import com.parse.ParseException; |
|  | import com.parse.ParseObject; |
|  | import com.parse.ParseQuery; |
|  | import com.parse.ParseUser; |
|  |  |
|  | import org.w3c.dom.Text; |
|  |  |
|  | import java.io.IOException; |
|  | import java.util.ArrayList; |
|  | import java.util.List; |
|  | import java.util.Locale; |
|  |  |
|  | //import static com.example.s525721.myapplication.R.id.logoutBTN; |
|  |  |
|  | public class MainActivity extends AppCompatActivity implements View.OnClickListener { |
|  | Button locationIBTN, complaintIBTN; |
|  | Button fineMsgBTN, emergencyContactsBTN, hospitalSearchBTN, settingsBTN; |
|  |  |
|  |  |
|  | private LocationManager locationManager; |
|  | private LocationListener listener; |
|  | private double latitude; |
|  | private double longitude; |
|  | String address; |
|  | String name; |
|  | ArrayList<String> Emails; |
|  |  |
|  | Intent i; |
|  |  |
|  | Intent intent; |
|  |  |
|  | @Override |
|  | protected void onCreate(@Nullable Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_main); |
|  | //setTitle("Emergency"); |
|  | ParseUser currentUser = ParseUser.getCurrentUser(); |
|  | // if (currentUser == null) { |
|  | // Intent mainIntent = new Intent(MainActivity.this, LoginActivity.class); |
|  | // startActivity(mainIntent); |
|  | // } else{ |
|  | // show the signup or login screen |
|  | // footer=(TextView) findViewById(R.id.footer); |
|  | // footer.setText(R.string.footer); |
|  | // userWelcomeTV=(TextView) findViewById(R.id.UserNameTV); |
|  |  |
|  | ParseQuery<ParseUser> query = ParseUser.getQuery(); |
|  | // ParseUser. |
|  |  |
|  | // userWelcomeTV.setText("Welcome, " +ParseUser.getCurrentUser().getUsername()); |
|  | i = getIntent(); |
|  |  |
|  |  |
|  | // session = new SessionManager(this); |
|  |  |
|  | //session.checkLogin(); |
|  | locationIBTN = (Button) findViewById(R.id.emergencyIBTN); |
|  | complaintIBTN = (Button) findViewById(R.id.complaintIBTN); |
|  | fineMsgBTN = (Button) findViewById(R.id.iamfineBTN); |
|  | hospitalSearchBTN = (Button) findViewById(R.id.hospitalFindBTN); |
|  | emergencyContactsBTN = (Button) findViewById(R.id.emergencyContactsBTN); |
|  | settingsBTN = (Button) findViewById(R.id.settingsBTN); |
|  |  |
|  |  |
|  | //logout = (Button) findViewById(R.id.logoutBTN); |
|  |  |
|  | settingsBTN.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View view) { |
|  | //Creating the instance of PopupMenu |
|  | PopupMenu popup = new PopupMenu(MainActivity.this, settingsBTN); |
|  | //Inflating the Popup using xml file |
|  | popup.getMenuInflater().inflate(R.menu.popup\_menu, popup.getMenu()); |
|  |  |
|  | //registering popup with OnMenuItemClickListener |
|  | popup.setOnMenuItemClickListener(new PopupMenu.OnMenuItemClickListener() { |
|  | public boolean onMenuItemClick(MenuItem item) { |
|  | switch (item.getItemId()) { |
|  | case R.id.logout: |
|  | ParseUser.logOut(); |
|  | Intent sessionIntent = new Intent(MainActivity.this, LoginActivity.class); |
|  | startActivity(sessionIntent); |
|  | break; |
|  | case R.id.mailRecipients: |
|  | Intent addMailIntent = new Intent(MainActivity.this, AddingMailsActivity.class); |
|  | startActivity(addMailIntent); |
|  | break; |
|  |  |
|  | //session.logoutUser(); |
|  | // break; |
|  |  |
|  | } |
|  |  |
|  | //Toast.makeText(MainActivity.this,"You Clicked : " + item.getItemId(),Toast.LENGTH\_SHORT).show(); |
|  | return true; |
|  | } |
|  | }); |
|  | popup.show(); |
|  | } |
|  | }); |
|  |  |
|  |  |
|  | locationManager = (LocationManager) this.getSystemService(Context.LOCATION\_SERVICE); |
|  |  |
|  | //configure\_button(); |
|  | listener = new LocationListener() { |
|  | @Override |
|  | public void onLocationChanged(Location location) { |
|  | latitude = location.getLatitude(); |
|  | longitude = location.getLongitude(); |
|  | address = getCompleteAddressString(latitude, longitude); |
|  | } |
|  |  |
|  | @Override |
|  | public void onStatusChanged(String s, int i, Bundle bundle) { |
|  |  |
|  | } |
|  |  |
|  | @Override |
|  | public void onProviderEnabled(String s) { |
|  |  |
|  | } |
|  |  |
|  | @Override |
|  | public void onProviderDisabled(String s) { |
|  |  |
|  | Intent i = new Intent(Settings.ACTION\_LOCATION\_SOURCE\_SETTINGS); |
|  | startActivity(i); |
|  | } |
|  | }; |
|  | // first check for permissions |
|  | //if API <23, no need of permissions |
|  | if (Build.VERSION.SDK\_INT < 23) { |
|  | locationManager.requestLocationUpdates(LocationManager.GPS\_PROVIDER, 0, 0, listener); |
|  | } else { |
|  |  |
|  | if (ContextCompat.checkSelfPermission(this, Manifest.permission.ACCESS\_FINE\_LOCATION) != PackageManager.PERMISSION\_GRANTED) { |
|  | // if no permission -> ask for permission |
|  | ActivityCompat.requestPermissions(this, new String[]{Manifest.permission.ACCESS\_FINE\_LOCATION}, 1); |
|  | } else { |
|  | //if we have permissions already..if not not ask for permission result |
|  | locationManager.requestLocationUpdates(LocationManager.GPS\_PROVIDER, 0, 0, listener); |
|  | Location lastKnownLocation = locationManager.getLastKnownLocation(LocationManager.GPS\_PROVIDER); |
|  |  |
|  | } |
|  | } |
|  |  |
|  |  |
|  | //Emails retrival.... |
|  | Emails = new ArrayList<String>(); |
|  | fetchData(); |
|  | //fetchDatA(); |
|  |  |
|  |  |
|  | complaintIBTN.setOnClickListener(this); |
|  | //logout.setOnClickListener(this); |
|  | locationIBTN.setOnClickListener(this); |
|  | emergencyContactsBTN.setOnClickListener(this); |
|  | fineMsgBTN.setOnClickListener(this); |
|  | hospitalSearchBTN.setOnClickListener(this); |
|  |  |
|  | } |
|  |  |
|  | @Override |
|  | public void onRequestPermissionsResult(int requestCode, @NonNull String[] permissions, @NonNull int[] grantResults) { |
|  | super.onRequestPermissionsResult(requestCode, permissions, grantResults); |
|  | //request code --> 1 |
|  | //permissions array , we do haVE ONLY ONE PERMISSION |
|  | //PERMISSION RESULT |
|  |  |
|  | if (grantResults.length > 0 && grantResults[0] == PackageManager.PERMISSION\_GRANTED) { |
|  | if (ActivityCompat.checkSelfPermission(this, Manifest.permission.ACCESS\_FINE\_LOCATION) == PackageManager.PERMISSION\_GRANTED) { |
|  | // TODO: Consider calling |
|  | // ActivityCompat#requestPermissions |
|  | // here to request the missing permissions, and then overriding |
|  | // public void onRequestPermissionsResult(int requestCode, String[] permissions, |
|  | // int[] grantResults) |
|  | // to handle the case where the user grants the permission. See the documentation |
|  | // for ActivityCompat#requestPermissions for more details. |
|  | locationManager.requestLocationUpdates(LocationManager.GPS\_PROVIDER, 0, 0, listener); |
|  | } else { |
|  | return; |
|  | } |
|  |  |
|  | } |
|  |  |
|  | } |
|  |  |
|  | public void fetchData() { |
|  | ParseQuery<ParseObject> query = ParseQuery.getQuery("EmailRecipients"); |
|  | query.whereEqualTo("Username", ParseUser.getCurrentUser().getUsername()); |
|  | query.findInBackground(new FindCallback<ParseObject>() { |
|  | @Override |
|  | public void done(List<ParseObject> list, ParseException e) { |
|  |  |
|  | if (e == null) { |
|  |  |
|  |  |
|  | //Toast.makeText(MainActivity.this, "Retrieved", Toast.LENGTH\_SHORT).show(); |
|  |  |
|  | if (list.size() > 0) { |
|  | for (ParseObject object : list) { |
|  | String mail = object.getString("recipientEmail"); |
|  | //Log.i("RetrivdMainActivity",mail); |
|  | Emails.add(mail); |
|  | //emailArray.notifyDataSetChanged(); |
|  | } |
|  | } |
|  | } |
|  |  |
|  | } |
|  |  |
|  |  |
|  | }); |
|  |  |
|  | } |
|  |  |
|  | @Override |
|  | public void onClick(View view) { |
|  | switch (view.getId()) { |
|  | case R.id.complaintIBTN: |
|  |  |
|  | Intent i = new Intent(this, ComplaintActivity.class); |
|  | i.putExtra("Lat", latitude); |
|  | i.putExtra("Lng", longitude); |
|  | startActivity(i); |
|  | break; |
|  |  |
|  | case R.id.emergencyContactsBTN: |
|  |  |
|  | Intent intentContacts = new Intent(this, PhoneNumber.class); |
|  | startActivity(intentContacts); |
|  | //session.logoutUser(); |
|  | break; |
|  |  |
|  | case R.id.emergencyIBTN: |
|  |  |
|  | //noinspection MissingPermission |
|  | locationManager.requestLocationUpdates(LocationManager.GPS\_PROVIDER, 0, 0, listener); |
|  | //void requestLocationUpdates (String provider, long minTime, float minDistance, LocationListener listener) |
|  |  |
|  |  |
|  | String subject = getCompleteAddressString(latitude, longitude); |
|  |  |
|  | sendEmail(latitude, longitude, address); |
|  |  |
|  | break; |
|  | case R.id.iamfineBTN: |
|  |  |
|  | //noinspection MissingPermission |
|  | //locationManager.requestLocationUpdates(LocationManager.GPS\_PROVIDER, 0, 0, listener); |
|  | //void requestLocationUpdates (String provider, long minTime, float minDistance, LocationListener listener) |
|  |  |
|  |  |
|  | // String sub = getCompleteAddressString(latitude, longitude); |
|  |  |
|  | sentWrongEmail(); |
|  |  |
|  | break; |
|  | case R.id.hospitalFindBTN: |
|  | Intent hospitalsIntent = new Intent(MainActivity.this, PlacesActivity.class); |
|  | hospitalsIntent.putExtra("Lat", latitude); |
|  | hospitalsIntent.putExtra("Lng", longitude); |
|  | startActivity(hospitalsIntent); |
|  | break; |
|  |  |
|  |  |
|  | } |
|  | } |
|  |  |
|  | public String getCompleteAddressString(double LATITUDE, double LONGITUDE) { |
|  | String strAdd = "Location is not loaded"; |
|  |  |
|  | Geocoder geocoder = new Geocoder(this, Locale.getDefault()); |
|  | try { |
|  | List<Address> addresses = geocoder.getFromLocation(LATITUDE, LONGITUDE, 1); |
|  | if (addresses != null) { |
|  | Address returnedAddress = addresses.get(0); |
|  | StringBuilder strReturnedAddress = new StringBuilder(""); |
|  |  |
|  | for (int i = 0; i < returnedAddress.getMaxAddressLineIndex(); i++) { |
|  | if (returnedAddress.getAddressLine(i) != null) { |
|  | strReturnedAddress.append(returnedAddress.getAddressLine(i)).append("\n"); |
|  | } |
|  | } |
|  | strAdd = strReturnedAddress.toString(); |
|  | //Log.w("MyCurrentlocationaddr", "" + strReturnedAddress.toString()); |
|  | } else { |
|  | Log.w("MyCurrentlocationaddr", "No Address returned!"); |
|  | } |
|  | } catch (Exception e) { |
|  | e.printStackTrace(); |
|  | Log.w("MyCurrentlocationaddr", "Cannot get Address!"); |
|  | } |
|  |  |
|  |  |
|  | return strAdd; |
|  | } |
|  |  |
|  |  |
|  | protected void sendEmail(double latitude, double longitude, String subject) { |
|  |  |
|  |  |
|  | String sub = subject; |
|  | //sub.concat("\n\n My 919 ID: "+ intent.getStringExtra("919")); |
|  | String body = "http://www.google.com/maps/place/" + String.valueOf(latitude) + "," + String.valueOf(longitude); |
|  |  |
|  | String user919 = ParseUser.getCurrentUser().getUsername(); |
|  |  |
|  | SendMail sm = new SendMail(this, "makkenasrinivasarao1@gmail.com", "Alert! StudentID: "+user919+" is in Emergency. Requires immediate action ", user919+", is in danger. \n\nLast identified location\n"+"\n"+sub + body); |
|  | sm.execute(); |
|  | for (String mail : Emails) { |
|  | Log.i("Mail", mail); |
|  | SendMail sm1 = new SendMail(this, mail, user919, sub + "Alert! StudentID: "+user919+" is in Emergency. Requires immediate action "+"\n"+"\n" + body); |
|  | sm1.execute(); |
|  | } |
|  |  |
|  |  |
|  | } |
|  |  |
|  | // public void fetchDatA() { |
|  | // ParseQuery<ParseUser> query = ParseUser.getQuery(); |
|  | // query.whereEqualTo("Username", ParseUser.getCurrentUser().getUsername()); |
|  | // query.findInBackground(new FindCallback<ParseUser>() { |
|  | // @Override |
|  | // public void done(List<ParseUser> list, ParseException e) { |
|  | // if (e==null) { |
|  | // |
|  | // |
|  | // //Toast.makeText(AddingMailsActivity.this, "Retrieved", Toast.LENGTH\_SHORT).show(); |
|  | // |
|  | // if (list.size() > 0) { |
|  | // for (ParseObject object : list) { |
|  | // Log.i("Name",Integer.toString(list.size())); |
|  | // String name= object.getString("name"); |
|  | // Log.i("Name",name); |
|  | // // Log.i("Retrivd",mail); |
|  | // //emails.add(mail); |
|  | // //emailArray.notifyDataSetChanged(); |
|  | // } |
|  | // } |
|  | // } |
|  | // |
|  | // } |
|  | // }); |
|  | // } |
|  |  |
|  | protected void sentWrongEmail(){ |
|  | String user919 = ParseUser.getCurrentUser().getUsername(); |
|  | String body = "http://www.google.com/maps/place/" + String.valueOf(latitude) + "," + String.valueOf(longitude); |
|  | SendMail sm = new SendMail(this, "makkenasrinivasarao1@gmail.com", user919 +"says I'm OK ! ", "I just want to let you know that I am ok now!\n" + "" + "\n" + body); |
|  | sm.execute(); |
|  | } |
|  |  |
|  |  |
|  | } |

**Phone number.java:**

|  |
| --- |
| package com.example.s525721.myapplication; |
|  |  |
|  | import android.content.Intent; |
|  | import android.net.Uri; |
|  | import android.support.v7.app.AppCompatActivity; |
|  | import android.os.Bundle; |
|  | import android.view.View; |
|  |  |
|  |  |
|  | public class PhoneNumber extends AppCompatActivity { |
|  | String phone = ""; |
|  | public void call919(View view){ |
|  |  |
|  | phone = "9032598039"; |
|  | call(phone); |
|  | } |
|  |  |
|  | public void callUPD(View view){ |
|  |  |
|  | phone = "9032598039"; |
|  | call(phone); |
|  | } |
|  | public void callSexualAssault(View view){ |
|  |  |
|  | phone = "9032598039"; |
|  | call(phone); |
|  | } |
|  | public void callSSMhealth(View view){ |
|  |  |
|  | phone = "9032598039"; |
|  | call(phone); |
|  | } |
|  | public void callFire(View view){ |
|  |  |
|  | phone = "9032598039"; |
|  | call(phone); |
|  | } |
|  |  |
|  |  |
|  | public void call(String phoneNo){ |
|  | Intent phoneIntent = new Intent(Intent.ACTION\_DIAL, Uri.fromParts( |
|  | "tel", phoneNo, null)); |
|  | startActivity(phoneIntent); |
|  | } |
|  |  |
|  |  |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_phone\_number); |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  | } |
|  | } |

**Place.java:**

|  |
| --- |
| package com.example.s525721.myapplication; |
|  |  |
|  | /\*\* |
|  | \* Created by S525894 on 4/15/2017. |
|  | \*/ |
|  |  |
|  | import org.json.JSONException; |
|  | import org.json.JSONObject; |
|  |  |
|  | import java.util.logging.Level; |
|  | import java.util.logging.Logger; |
|  |  |
|  |  |
|  | public class Place { |
|  | private String id; |
|  | private String icon; |
|  | private String name; |
|  | private String vicinity; |
|  | private Double latitude; |
|  | private Double longitude; |
|  |  |
|  | public String getId() { |
|  | return id; |
|  | } |
|  |  |
|  | public void setId(String id) { |
|  | this.id = id; |
|  | } |
|  |  |
|  | public String getIcon() { |
|  | return icon; |
|  | } |
|  |  |
|  | public void setIcon(String icon) { |
|  | this.icon = icon; |
|  | } |
|  |  |
|  | public Double getLatitude() { |
|  | return latitude; |
|  | } |
|  |  |
|  | public void setLatitude(Double latitude) { |
|  | this.latitude = latitude; |
|  | } |
|  |  |
|  | public Double getLongitude() { |
|  | return longitude; |
|  | } |
|  |  |
|  | public void setLongitude(Double longitude) { |
|  | this.longitude = longitude; |
|  | } |
|  |  |
|  | public String getName() { |
|  | return name; |
|  | } |
|  |  |
|  | public void setName(String name) { |
|  | this.name = name; |
|  | } |
|  |  |
|  | public String getVicinity() { |
|  | return vicinity; |
|  | } |
|  |  |
|  | public void setVicinity(String vicinity) { |
|  | this.vicinity = vicinity; |
|  | } |
|  |  |
|  | static Place jsonToPontoReferencia(JSONObject pontoReferencia) { |
|  | try { |
|  | Place result = new Place(); |
|  | JSONObject geometry = (JSONObject) pontoReferencia.get("geometry"); |
|  | JSONObject location = (JSONObject) geometry.get("location"); |
|  | result.setLatitude((Double) location.get("lat")); |
|  | result.setLongitude((Double) location.get("lng")); |
|  | result.setIcon(pontoReferencia.getString("icon")); |
|  | result.setName(pontoReferencia.getString("name")); |
|  | result.setVicinity(pontoReferencia.getString("vicinity")); |
|  | result.setId(pontoReferencia.getString("id")); |
|  | return result; |
|  | } catch (JSONException ex) { |
|  | Logger.getLogger(Place.class.getName()).log(Level.SEVERE, null, ex); |
|  | } |
|  | return null; |
|  | } |
|  |  |
|  | @Override |
|  | public String toString() { |
|  | return "Place{" + "id=" + id + ", icon=" + icon + ", name=" + name + ", latitude=" + latitude + ", longitude=" + longitude + '}'; |
|  | } |
|  |  |
|  | } |

**Places activity.java:**

|  |
| --- |
| package com.example.s525721.myapplication; |
|  |  |
|  | import android.app.ListActivity; |
|  | import android.app.ProgressDialog; |
|  | import android.content.Context; |
|  | import android.content.Intent; |
|  | import android.os.AsyncTask; |
|  | import android.os.Bundle; |
|  | import android.view.View; |
|  | import android.widget.ArrayAdapter; |
|  | import android.widget.ListView; |
|  | import android.widget.TextView; |
|  | import android.widget.Toast; |
|  |  |
|  | import java.util.ArrayList; |
|  | import java.util.List; |
|  |  |
|  | public class PlacesActivity extends ListActivity { |
|  | // private LocationManager locationManager; |
|  | // private LocationListener listener; |
|  | private double latitude; |
|  | private double longitude; |
|  | //ListView hospitalPlaces; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle arg0) { |
|  | // TODO Auto-generated method stub |
|  | super.onCreate(arg0); |
|  | Intent i = getIntent(); |
|  | latitude = i.getDoubleExtra("Lat",40.353); |
|  | longitude = i.getDoubleExtra("Lon",-94.8); |
|  |  |
|  |  |
|  | //MainActivity.GetPlaces pl = new MainActivity.GetPlaces(getApplicationContext(), getListView()); |
|  | new GetPlaces(this, getListView()).execute(); |
|  | //pl.execute(); |
|  |  |
|  |  |
|  |  |
|  |  |
|  | } |
|  |  |
|  | @Override |
|  | protected void onListItemClick(ListView l, View v, int position, long id) { |
|  | super.onListItemClick(l, v, position, id); |
|  |  |
|  |  |
|  |  |
|  | Toast.makeText(PlacesActivity.this,"Click"+position,Toast.LENGTH\_SHORT).show(); |
|  |  |
|  | } |
|  |  |
|  | class GetPlaces extends AsyncTask<Void, Void, Void> { |
|  |  |
|  | private ProgressDialog dialog; |
|  | private Context context; |
|  | private ArrayList<String> placeName; |
|  | private String[] imageUrl; |
|  | private ListView listView; |
|  |  |
|  | public GetPlaces(Context context, ListView listView) { |
|  | // TODO Auto-generated constructor stub |
|  | this.context = context; |
|  | this.listView = listView; |
|  | } |
|  |  |
|  | @Override |
|  | protected void onPostExecute(Void result) { |
|  | // TODO Auto-generated method stub |
|  | super.onPostExecute(result); |
|  | dialog.dismiss(); |
|  | if (placeName.size() == 0){ |
|  | placeName.add("No hospitals in 3 miles radius"); |
|  | } |
|  | ArrayAdapter<String> hospitals = new ArrayAdapter<String>(context, android.R.layout.simple\_expandable\_list\_item\_1,placeName); |
|  | listView.setAdapter(hospitals); |
|  | hospitals.notifyDataSetChanged(); |
|  |  |
|  | } |
|  |  |
|  | @Override |
|  | protected void onPreExecute() { |
|  | // TODO Auto-generated method stub |
|  | super.onPreExecute(); |
|  | dialog = new ProgressDialog(context); |
|  | dialog.setCancelable(true); |
|  | dialog.setMessage("Loading.."); |
|  | dialog.isIndeterminate(); |
|  | dialog.show(); |
|  | //list view header |
|  | TextView textView = new TextView(PlacesActivity.this); |
|  | textView.setText("Hospitals in radius of 3 miles"); |
|  | textView.setTextSize(30); |
|  | listView.addHeaderView(textView); |
|  | } |
|  |  |
|  | @Override |
|  | protected Void doInBackground(Void... arg0) { |
|  | // TODO Auto-generated method stub |
|  | PlacesService service = new PlacesService("AIzaSyDPBnT7RTIYZuosjXTlxauD9ipFcrHA-IM"); |
|  | List<Place> findPlaces = service.findPlaces(latitude,longitude,"hospital"); |
|  |  |
|  |  |
|  | // hospiral for hospital |
|  | // atm for ATM |
|  |  |
|  | System.out.println(latitude); |
|  | System.out.println(longitude); |
|  |  |
|  | placeName = new ArrayList<String>(); |
|  | imageUrl = new String[findPlaces.size()]; |
|  |  |
|  |  |
|  |  |
|  | for (int i = 0; i < findPlaces.size(); i++) { |
|  |  |
|  | Place placeDetail = findPlaces.get(i); |
|  | placeDetail.getIcon(); |
|  |  |
|  | System.out.println( placeDetail.getName()); |
|  | placeName.add(placeDetail.getName()); |
|  |  |
|  | imageUrl[i] =placeDetail.getIcon(); |
|  |  |
|  | } |
|  | return null; |
|  | } |
|  |  |
|  | } |
|  |  |
|  |  |
|  |  |
|  | } |

**Places services.java:**

|  |
| --- |
| package com.example.s525721.myapplication; |
|  |  |
|  | /\*\* |
|  | \* Created by S525894 on 4/15/2017. |
|  | \*/ |
|  |  |
|  | import android.util.Log; |
|  |  |
|  | import org.json.JSONArray; |
|  | import org.json.JSONException; |
|  | import org.json.JSONObject; |
|  |  |
|  | import java.io.BufferedReader; |
|  | import java.io.InputStreamReader; |
|  | import java.net.URL; |
|  | import java.net.URLConnection; |
|  | import java.util.ArrayList; |
|  | import java.util.List; |
|  | import java.util.logging.Level; |
|  | import java.util.logging.Logger; |
|  |  |
|  |  |
|  | public class PlacesService { |
|  |  |
|  | private String API\_KEY; |
|  |  |
|  | public PlacesService(String apikey) { |
|  | this.API\_KEY = apikey; |
|  | } |
|  |  |
|  | public void setApiKey(String apikey) { |
|  | this.API\_KEY = apikey; |
|  | } |
|  |  |
|  | public List<Place> findPlaces(double latitude, double longitude,String placeSpacification) |
|  | { |
|  |  |
|  | String urlString = makeUrl(latitude, longitude,placeSpacification); |
|  |  |
|  |  |
|  | try { |
|  | String json = getJSON(urlString); |
|  |  |
|  | System.out.println(json); |
|  | JSONObject object = new JSONObject(json); |
|  | JSONArray array = object.getJSONArray("results"); |
|  |  |
|  |  |
|  | ArrayList<Place> arrayList = new ArrayList<Place>(); |
|  | for (int i = 0; i < array.length(); i++) { |
|  | try { |
|  | Place place = Place.jsonToPontoReferencia((JSONObject) array.get(i)); |
|  |  |
|  | Log.v("Places Services ", ""+place); |
|  |  |
|  |  |
|  | arrayList.add(place); |
|  | } catch (Exception e) { |
|  | } |
|  | } |
|  | return arrayList; |
|  | } catch (JSONException ex) { |
|  | Logger.getLogger(PlacesService.class.getName()).log(Level.SEVERE, null, ex); |
|  | } |
|  | return null; |
|  | } |
|  | //https://maps.googleapis.com/maps/api/place/search/json?location=28.632808,77.218276&radius=500&types=atm&sensor=false&key=apikey |
|  | private String makeUrl(double latitude, double longitude,String place) { |
|  | StringBuilder urlString = new StringBuilder("https://maps.googleapis.com/maps/api/place/search/json?"); |
|  |  |
|  | if (place.equals("")) { |
|  | urlString.append("&location="); |
|  | urlString.append(Double.toString(latitude)); |
|  | urlString.append(","); |
|  | urlString.append(Double.toString(longitude)); |
|  | urlString.append("&radius=100000"); |
|  | // urlString.append("&types="+place); |
|  | urlString.append("&sensor=false&key=" + API\_KEY); |
|  | } else { |
|  | urlString.append("&location="); |
|  | urlString.append(Double.toString(latitude)); |
|  | urlString.append(","); |
|  | urlString.append(Double.toString(longitude)); |
|  | urlString.append("&radius=100000"); |
|  | urlString.append("&types="+place); |
|  | urlString.append("&sensor=false&key=" + API\_KEY); |
|  | } |
|  |  |
|  |  |
|  | return urlString.toString(); |
|  | } |
|  |  |
|  | protected String getJSON(String url) { |
|  | return getUrlContents(url); |
|  | } |
|  |  |
|  | private String getUrlContents(String theUrl) |
|  | { |
|  | StringBuilder content = new StringBuilder(); |
|  |  |
|  | try { |
|  | URL url = new URL(theUrl); |
|  | URLConnection urlConnection = url.openConnection(); |
|  | BufferedReader bufferedReader = new BufferedReader(new InputStreamReader(urlConnection.getInputStream()), 8); |
|  | String line; |
|  | while ((line = bufferedReader.readLine()) != null) |
|  | { |
|  | content.append(line + "\n"); |
|  | } |
|  |  |
|  | bufferedReader.close(); |
|  | } |
|  |  |
|  | catch (Exception e) |
|  | { |
|  |  |
|  | e.printStackTrace(); |
|  |  |
|  | } |
|  |  |
|  | return content.toString(); |
|  | } |
|  | } |

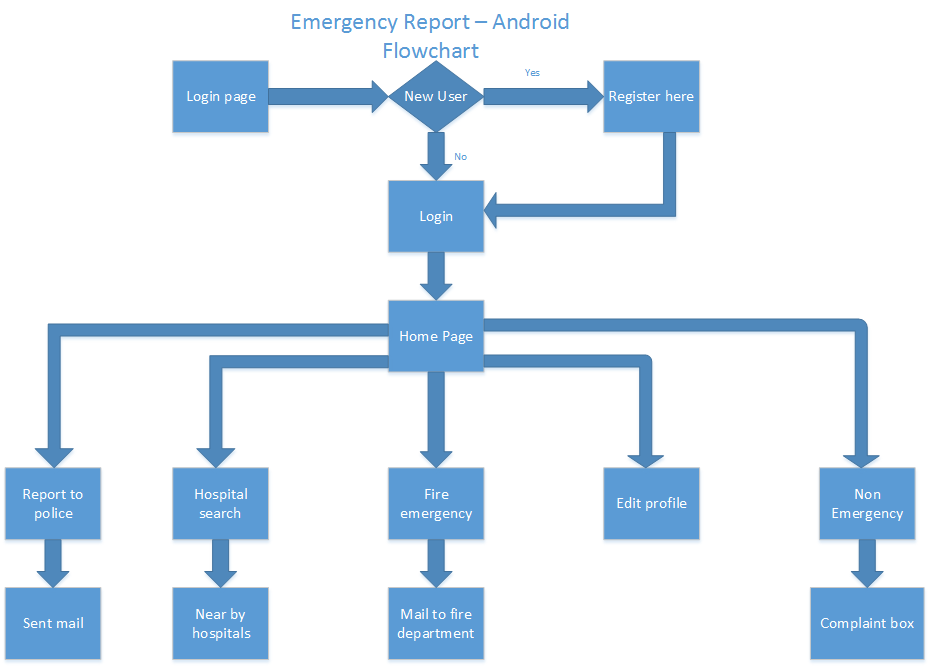
**Registration activity.java:**

|  |
| --- |
| package com.example.s525721.myapplication; |
|  |  |
|  | import android.content.Intent; |
|  | import android.support.v7.app.AppCompatActivity; |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.MotionEvent; |
|  | import android.view.View; |
|  | import android.view.inputmethod.InputMethodManager; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.ImageButton; |
|  | import android.widget.LinearLayout; |
|  | import android.widget.RelativeLayout; |
|  | import android.widget.Toast; |
|  |  |
|  | import com.parse.ParseException; |
|  | import com.parse.ParseUser; |
|  | import com.parse.SignUpCallback; |
|  |  |
|  |  |
|  | public class RegistrationActivity extends AppCompatActivity implements View.OnClickListener{ |
|  | EditText name, email, password, confirmPassword, user919; |
|  | Boolean success = true; |
|  |  |
|  | ImageButton policy; |
|  | int countUpper = 0; |
|  | int countLower = 0; |
|  | int countDigit = 0; |
|  | int countSpecialChar = 0; |
|  | LinearLayout policyPop; |
|  | RelativeLayout regRelative; |
|  |  |
|  | String toast = ""; |
|  | public void toast(String toast){ |
|  | Toast.makeText(getApplicationContext(), toast, Toast.LENGTH\_SHORT).show(); |
|  | } |
|  |  |
|  | public void popCancel(View view){ |
|  | policyPop.setVisibility(View.INVISIBLE); |
|  |  |
|  | } |
|  |  |
|  | public static final String SPECIAL\_CHARACTERS = "!@#$%^&\*()~`-=\_+[]{}|:\";',./<>?"; |
|  | public static final int MIN\_PASSWORD\_LENGTH = 8; |
|  | public static final int MAX\_PASSWORD\_LENGTH = 20; |
|  |  |
|  |  |
|  | public boolean isAcceptablePassword(String password) { |
|  | if (password.isEmpty()) { |
|  | System.out.println("empty string."); |
|  | success = false; |
|  | } |
|  | password = password.trim(); |
|  | int len = password.length(); |
|  | if (len < MIN\_PASSWORD\_LENGTH || len > MAX\_PASSWORD\_LENGTH) { |
|  | // toast("wrong size, it must have at least 8 characters and less than 20."); |
|  | success = false; |
|  | } else { |
|  | char[] aC = password.toCharArray(); |
|  | for (char c : aC) { |
|  | if (Character.isUpperCase(c)) { |
|  | System.out.println(c + " is uppercase."); |
|  | countUpper++; |
|  | } else if (Character.isLowerCase(c)) { |
|  | System.out.println(c + " is lowercase."); |
|  | countLower++; |
|  | } else if (Character.isDigit(c)) { |
|  | System.out.println(c + " is digit."); |
|  | countDigit++; |
|  | } else if (SPECIAL\_CHARACTERS.indexOf(String.valueOf(c)) >= 0) { |
|  | System.out.println(c + " is valid symbol."); |
|  | countSpecialChar++; |
|  | } else { |
|  | toast(c + " is an invalid character in the password."); |
|  | success = false; |
|  | //return success; |
|  | } |
|  | } |
|  | if (countUpper < 1 || countDigit < 1 || countLower < 1 || countSpecialChar < 1) { |
|  | toast = "password doesn't match requirements"; |
|  | toast(toast); |
|  | success = false; |
|  | } else { |
|  | // toast("password success"); |
|  | success = true; |
|  | } |
|  |  |
|  | } |
|  | return success; |
|  | } |
|  |  |
|  |  |
|  | //signIn here |
|  |  |
|  | public void signInHere(View view){ |
|  | Intent signIn = new Intent(RegistrationActivity.this,LoginActivity.class); |
|  | startActivity(signIn); |
|  | } |
|  |  |
|  |  |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_registration); |
|  | user919 = (EditText) findViewById(R.id.user919ET); |
|  | name = (EditText) findViewById(R.id.user919ET); |
|  | email = (EditText) findViewById(R.id.mailET); |
|  | password = (EditText) findViewById(R.id.passwordEditText); |
|  | confirmPassword = (EditText) findViewById(R.id.cpassEditText); |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  | policyPop = (LinearLayout)findViewById(R.id.popLayout); |
|  | policyPop.setVisibility(View.INVISIBLE); |
|  | policy = (ImageButton)findViewById(R.id.passwordPolicy); |
|  |  |
|  | policy.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View view) { |
|  |  |
|  | policyPop.setVisibility(View.VISIBLE); |
|  | // regRelative.setVisibility(View.INVISIBLE); |
|  |  |
|  | } |
|  | }); |
|  |  |
|  |  |
|  | //button |
|  | Button button3 = (Button) findViewById(R.id.signUpBTN); |
|  | password.setOnTouchListener(new View.OnTouchListener() { |
|  | @Override |
|  | public boolean onTouch(View view, MotionEvent motionEvent) { |
|  | // initiatePopupWindow(); |
|  |  |
|  | return true; |
|  | } |
|  | }); |
|  |  |
|  | //reset button |
|  | // Button reset = (Button) findViewById(R.id.buttonR); |
|  | // reset.setOnClickListener(new View.OnClickListener() { |
|  | // @Override |
|  | // public void onClick(View v) { |
|  | // EditText userId = (EditText) findViewById(R.id.editText8); |
|  | // EditText userName = (EditText) findViewById(R.id.user919ET); |
|  | // EditText emailId = (EditText) findViewById(R.id.mailET); |
|  | // EditText pswd = (EditText) findViewById(R.id.passwordEditText); |
|  | // EditText cPassword = (EditText) findViewById(R.id.editText6); |
|  | // userId.setText(""); |
|  | // userName.setText(""); |
|  | // emailId.setText(""); |
|  | // pswd.setText(""); |
|  | // cPassword.setText(""); |
|  | // } |
|  | // }); |
|  |  |
|  |  |
|  | button3.setOnClickListener(new View.OnClickListener() { |
|  | public void onClick(View view) { |
|  |  |
|  | if (savedata() == true) { |
|  |  |
|  | Intent i = new Intent(getApplicationContext(), LoginActivity.class); |
|  |  |
|  | startActivity(i); |
|  | } else { |
|  | //Toast.makeText(getApplicationContext(), "Row not inserted", Toast.LENGTH\_SHORT).show(); |
|  |  |
|  | } |
|  | } |
|  | }); |
|  |  |
|  |  |
|  | regRelative = (RelativeLayout) findViewById(R.id.activity\_registration); |
|  | regRelative.setOnClickListener(this); |
|  |  |
|  | } |
|  | //pop Over |
|  |  |
|  |  |
|  |  |
|  |  |
|  | // Read more: http://www.androidhub4you.com/2012/07/how-to-create-popup-window-in-android.html#ixzz4aEdErRr1 |
|  |  |
|  | public Boolean savedata() { |
|  | // Boolean success = true; |
|  |  |
|  | //address = (EditText) findViewById(R.id.editText5); |
|  | String user919ID = user919.getText().toString(); |
|  | String nameOfUser = name.getText().toString(); |
|  | String eMail = email.getText().toString(); |
|  |  |
|  |  |
|  | String pass = password.getText().toString(); |
|  | String cpass = confirmPassword.getText().toString(); |
|  |  |
|  |  |
|  | ParseUser currentUser = ParseUser.getCurrentUser(); |
|  | currentUser.logOut(); |
|  | ParseUser user = new ParseUser(); |
|  |  |
|  |  |
|  | user.put("confirmPassword", String.valueOf(cpass)); |
|  | user.put("name",nameOfUser); |
|  | //user.put("address", String.valueOf(addrs)); |
|  | user.put("user919",user919ID); |
|  | user.setUsername(user919ID); |
|  | //user.setUsername(nameOfUser); |
|  | user.setPassword(pass); |
|  | user.setEmail(eMail); |
|  |  |
|  | //Validations |
|  |  |
|  | //email validation |
|  | String emailPattern = "[a-zA-Z0-9.\_-]+@[a-z]+\\.+[a-z]+"; |
|  |  |
|  | String user919Pattern = "919[0-9]{6}"; |
|  |  |
|  | if (nameOfUser.isEmpty()) { |
|  | Toast.makeText(getApplicationContext(), "Please enter valid name", Toast.LENGTH\_SHORT).show(); |
|  | success = false; |
|  | } else if (!user919ID |
|  | .matches(user919Pattern)) { |
|  | Toast.makeText(getApplicationContext(), "please enter valid 919#", Toast.LENGTH\_SHORT).show(); |
|  | success = false; |
|  | }else if (!eMail.matches(emailPattern)) { |
|  | Toast.makeText(getApplicationContext(), "Invalid email address", Toast.LENGTH\_SHORT).show(); |
|  | success = false; |
|  | } else if (pass.isEmpty()) { |
|  | Toast.makeText(getApplicationContext(), "Please enter password", Toast.LENGTH\_SHORT).show(); |
|  | success = false; |
|  | }else if (!pass.isEmpty()){ |
|  | success = isAcceptablePassword(pass); |
|  | System.out.print(success); |
|  | } |
|  |  |
|  | if (!cpass.equals(pass)) { |
|  | Toast.makeText(getApplicationContext(), "Password doesn't match", Toast.LENGTH\_SHORT).show(); |
|  | success = false; |
|  |  |
|  | } else if (isAcceptablePassword(pass)) { |
|  | //System.out.print("Entereesd"); |
|  | //data saved to database |
|  |  |
|  |  |
|  | // user.saveInBackground(); |
|  | // Toast.makeText(getApplicationContext(), "Row inserted", Toast.LENGTH\_SHORT).show(); |
|  | // success = true; |
|  |  |
|  | user.signUpInBackground(new SignUpCallback() { |
|  |  |
|  | @Override |
|  | public void done(ParseException e) { |
|  |  |
|  | if (e != null) { |
|  | Log.d(e.toString(),"Error occured"); |
|  | Toast.makeText(RegistrationActivity.this, |
|  | "Saving user failed.", Toast.LENGTH\_SHORT).show(); |
|  |  |
|  |  |
|  | if (e.getCode() == 202) { |
|  |  |
|  | Toast.makeText( |
|  | RegistrationActivity.this, |
|  | "Username already taken. \n Please choose another username.", |
|  | Toast.LENGTH\_LONG).show(); |
|  | name.setText(""); |
|  | password.setText(""); |
|  | confirmPassword.setText(""); |
|  |  |
|  | } |
|  | success = false; |
|  |  |
|  |  |
|  | } else { |
|  |  |
|  | Toast.makeText(RegistrationActivity.this, "User Saved", |
|  | Toast.LENGTH\_SHORT).show(); |
|  | success = true; |
|  |  |
|  |  |
|  | } |
|  |  |
|  | } |
|  | }); |
|  | } |
|  | return success; |
|  | } |
|  |  |
|  | @Override |
|  | public void onClick(View view) { |
|  | if (view.getId() == R.id.activity\_registration ){ |
|  | InputMethodManager inputMethodManager = (InputMethodManager) getSystemService(INPUT\_METHOD\_SERVICE); |
|  | inputMethodManager.hideSoftInputFromWindow(getCurrentFocus().getWindowToken(),0); |
|  | } |
|  | } |
|  | } |

**Sendmail.java:**

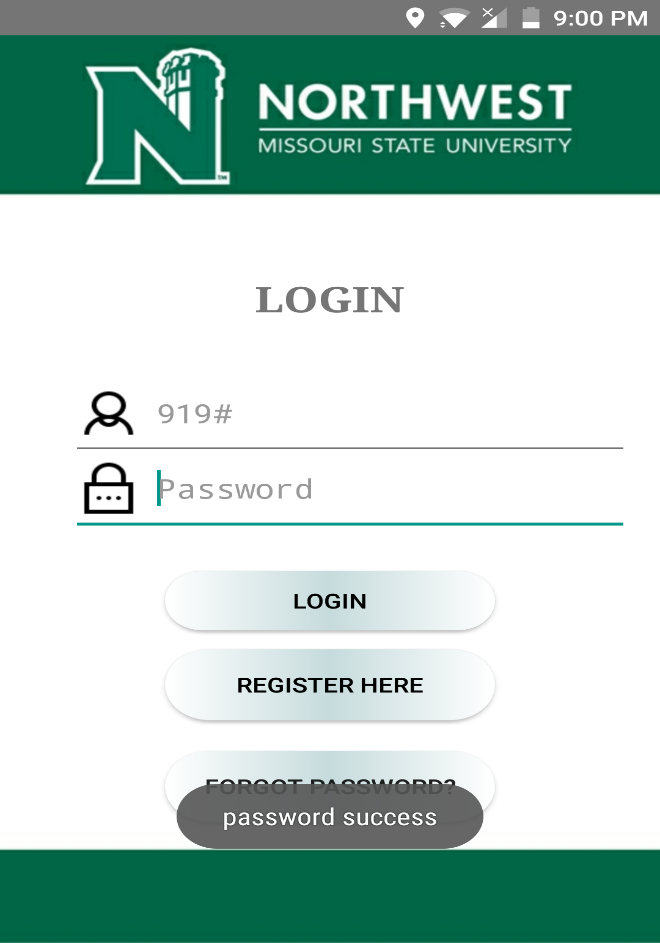
|  |
| --- |
| package com.example.s525721.myapplication; /\*\* |
|  | \* Created by S525721 on 10/9/2016. |
|  | \*/ |
|  |  |
|  |  |
|  | import android.app.ProgressDialog; |
|  | import android.content.Context; |
|  | import android.os.AsyncTask; |
|  | import android.widget.Toast; |
|  |  |
|  | import java.util.Properties; |
|  |  |
|  | import javax.mail.Message; |
|  | import javax.mail.MessagingException; |
|  | import javax.mail.PasswordAuthentication; |
|  | import javax.mail.Session; |
|  | import javax.mail.Transport; |
|  | import javax.mail.internet.InternetAddress; |
|  | import javax.mail.internet.MimeMessage; |
|  | public class SendMail extends AsyncTask<Void,Void,Void>{ |
|  | //Declaring Variables |
|  | private Context context; |
|  | private Session session; |
|  |  |
|  | //Information to send email |
|  | private String email; |
|  | private String subject; |
|  | private String message; |
|  |  |
|  | //Progressdialog to show while sending email |
|  | private ProgressDialog progressDialog; |
|  |  |
|  | //Class Constructor |
|  | public SendMail(Context context, String email, String subject, String message){ |
|  | //Initializing variables |
|  | this.context = context; |
|  | this.email = email; |
|  | this.subject = subject; |
|  | this.message = message; |
|  | } |
|  |  |
|  | @Override |
|  | protected void onPreExecute() { |
|  | super.onPreExecute(); |
|  | //Showing progress dialog while sending email |
|  | progressDialog = ProgressDialog.show(context,"Sending message","Please wait...",false,false); |
|  | } |
|  |  |
|  | @Override |
|  | protected void onPostExecute(Void aVoid) { |
|  | super.onPostExecute(aVoid); |
|  | //Dismissing the progress dialog |
|  | progressDialog.dismiss(); |
|  | //Showing a success message |
|  | Toast.makeText(context,"Message Sent",Toast.LENGTH\_LONG).show(); |
|  | } |
|  |  |
|  | @Override |
|  | protected Void doInBackground(Void... params) { |
|  | //Creating properties |
|  | Properties props = new Properties(); |
|  |  |
|  | //Configuring properties for gmail |
|  | //If you are not using gmail you may need to change the values |
|  | props.put("mail.smtp.host", "smtp.gmail.com"); |
|  | props.put("mail.smtp.socketFactory.port", "465"); |
|  | props.put("mail.smtp.socketFactory.class", "javax.net.ssl.SSLSocketFactory"); |
|  | props.put("mail.smtp.auth", "true"); |
|  | props.put("mail.smtp.port", "465"); |
|  |  |
|  | //Creating a new session |
|  | session = Session.getDefaultInstance(props, |
|  | new javax.mail.Authenticator() { |
|  | //Authenticating the password |
|  | protected PasswordAuthentication getPasswordAuthentication() { |
|  | return new PasswordAuthentication("northwestemergency@gmail.com", "Northwest@1"); |
|  | } |
|  | }); |
|  |  |
|  | try { |
|  | //Creating MimeMessage object |
|  | MimeMessage mm = new MimeMessage(session); |
|  |  |
|  | //Setting sender address |
|  | mm.setFrom(new InternetAddress("moulichowdhary@gmail.com")); |
|  | //Adding receiver |
|  | mm.addRecipient(Message.RecipientType.TO, new InternetAddress(email)); |
|  | //Adding subject |
|  | mm.setSubject(subject); |
|  | //Adding message |
|  | mm.setText(message); |
|  |  |
|  | //Sending email |
|  | Transport.send(mm); |
|  |  |
|  | } catch (MessagingException e) { |
|  | e.printStackTrace(); |
|  | } |
|  | return null; |
|  | } |
|  |  |
|  |  |
|  |  |
|  | } |

**Flow- Chart:**

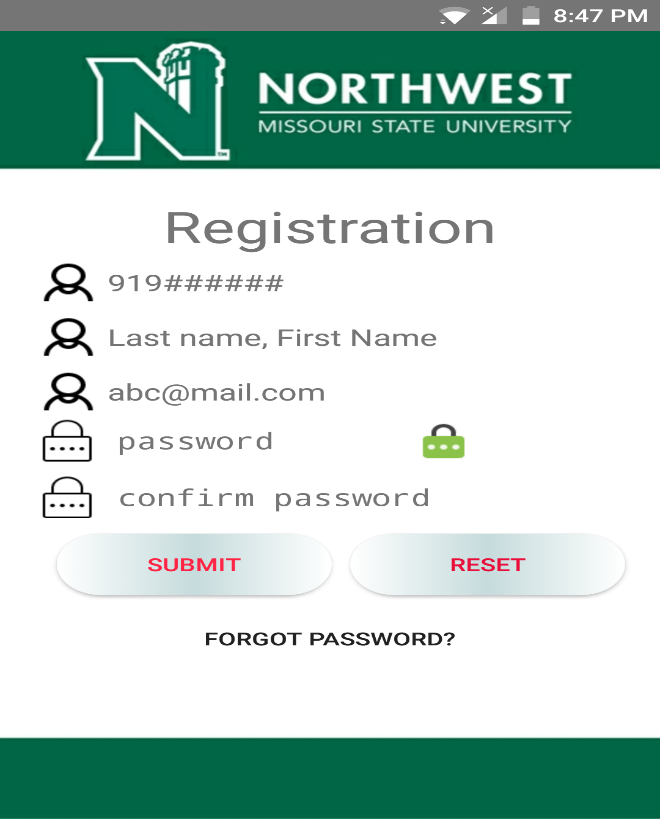


Interface Design:

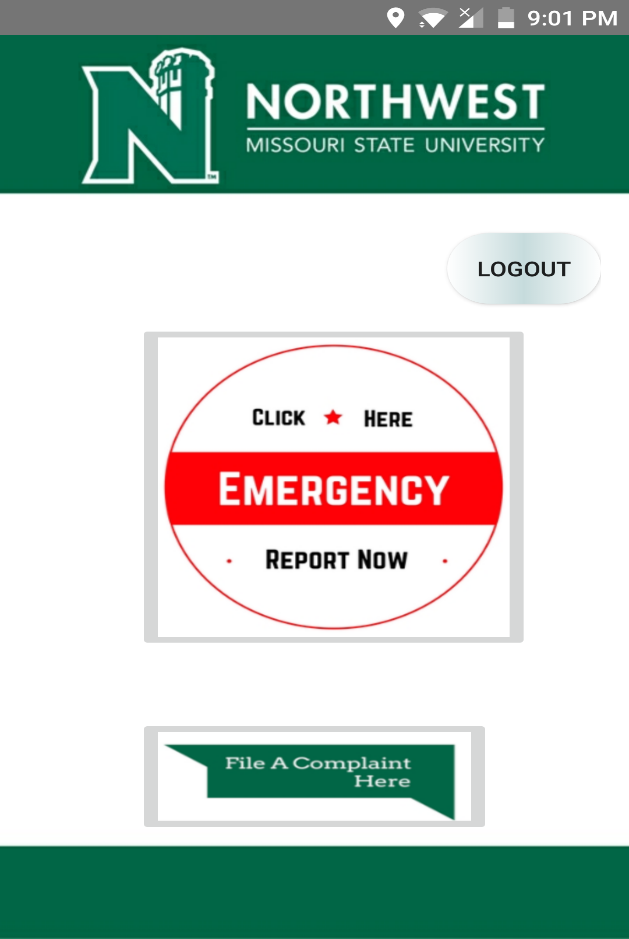
1. Login Page



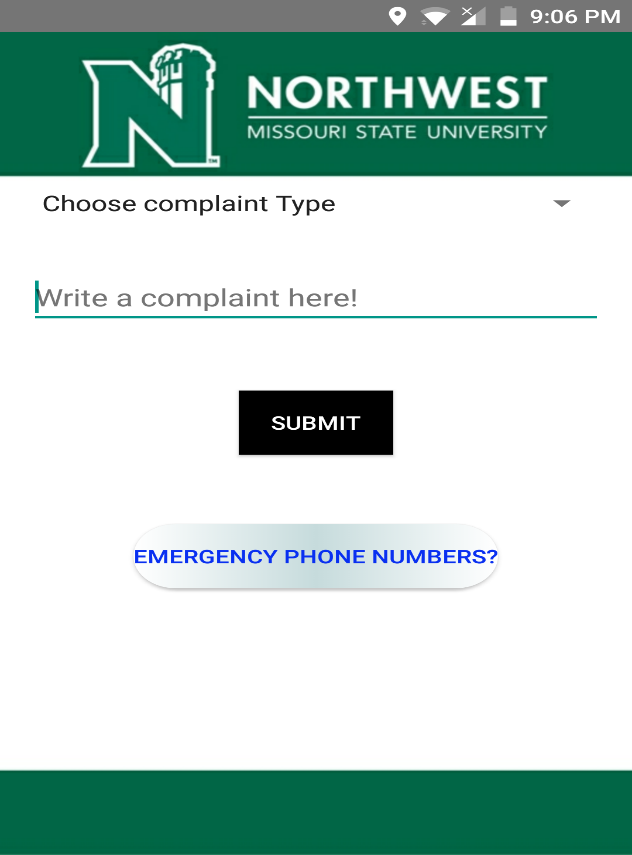
1. Registration Page

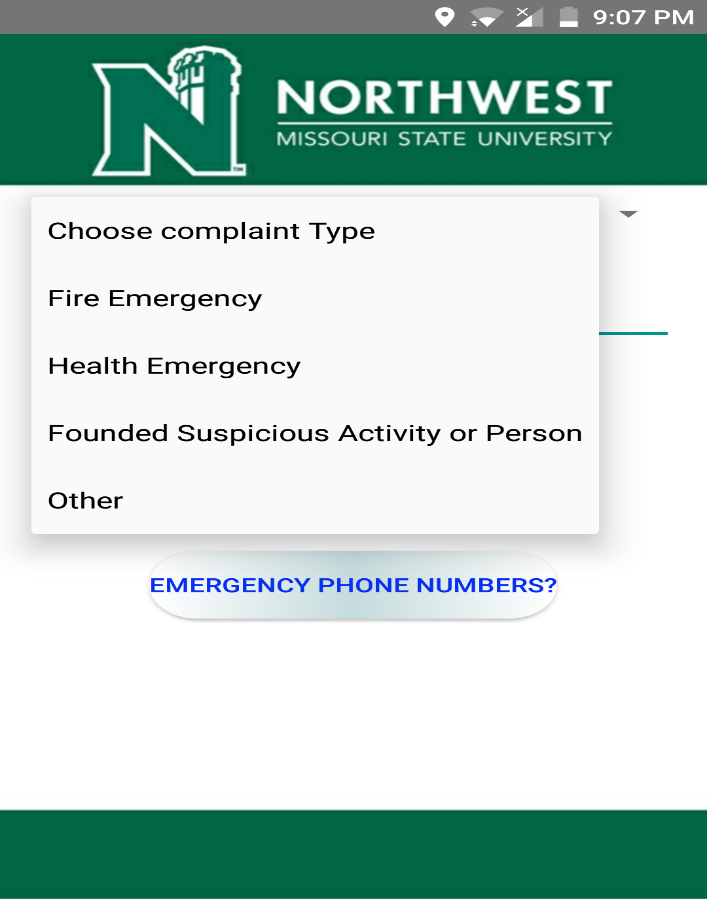


1. Home Page



1. Complaints Page

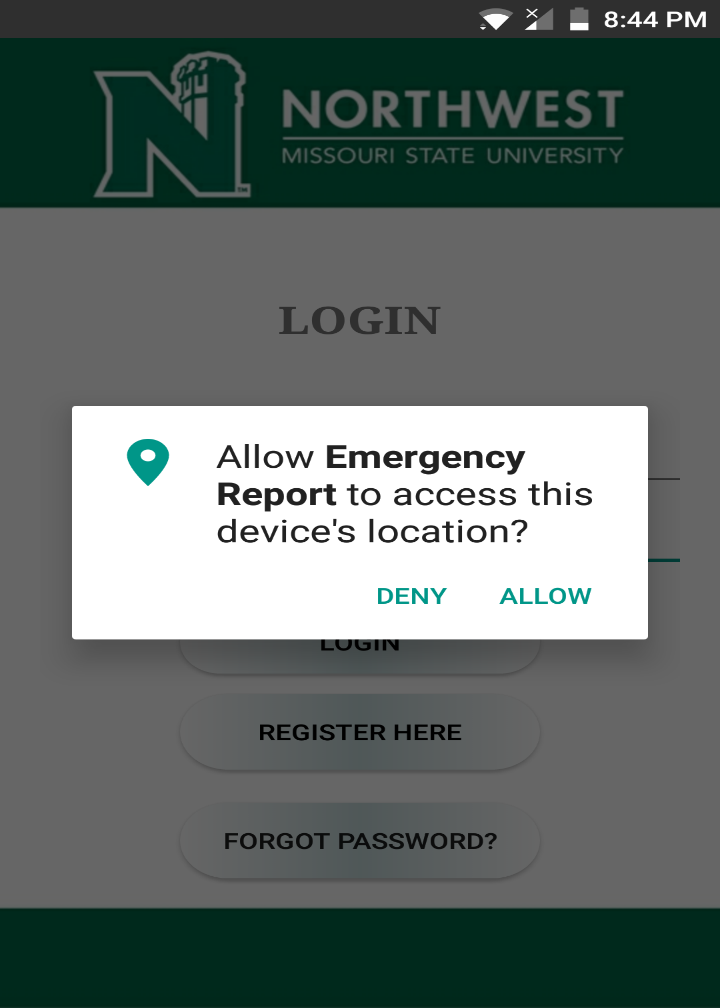




1. Emergency Phone Numbers



1. Access Location



1. Email sent to UPD

