### Quản Lý PerSon

A screenshot of a cell phone

Description generated with very high confidenceA screenshot of a social media post

Description generated with very high confidence

Menu\_them.xml

Listview.xml

menu\_them.xml



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| *<?***xml version="1.0" encoding="utf-8"***?>* <**menu xmlns:android="http://schemas.android.com/apk/res/android"  xmlns:tools="http://schemas.android.com/tools"  xmlns:app="http://schemas.android.com/apk/res-auto"  tools:context="linhmai.com.lvt.MainActivity"**>  <**item  android:id="@+id/iconthem"  android:icon="@drawable/ic\_person"  app:showAsAction="always|withText"  android:orderInCategory="120"  android:title="Add"** /> </**menu**> |

Listview.xml

A screenshot of a cell phone

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Activity\_them\_person.xml activity\_sua\_xoa\_per\_son.xml

A screenshot of a cell phone

Description generated with very high confidenceA screenshot of a cell phone

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ImageButton

ImageView

EditText

MainActivity.java

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| **public class** MainActivity **extends** AppCompatActivity {  ListView **HienThi**;  **public static** MyAdapter *myAdapter*;  **public static int** *vitri*;  @Override  **protected void** onCreate(Bundle savedInstanceState) {  **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_main***);  *//lay out activity\_main*   **HienThi**= (ListView) findViewById(R.id.***listview***);   *myAdapter*=**new** MyAdapter(MainActivity.**this**,R.layout.***listview***,*arr*);  **HienThi**.setAdapter(*myAdapter*);   **HienThi**.setOnItemClickListener(**new** AdapterView.OnItemClickListener() {  @Override  **public void** onItemClick(AdapterView<?> parent, View view, **int** position, **long** id) {  *vitri*=position;  startActivity(**new** Intent(MainActivity.**this**,SuaXoaPerSon.**class**));  }  });  }  @Override  **public boolean** onCreateOptionsMenu(Menu menu) {  getMenuInflater().inflate(R.menu.***menu\_them***,menu);  **return super**.onCreateOptionsMenu(menu);  }  @Override  **public boolean** onOptionsItemSelected(MenuItem item) {  **int** id=item.getItemId();  **if**(id==R.id.***iconthem***)  {  startActivity(**new** Intent(MainActivity.**this**,ThemPerson.**class**));  }  **return super**.onOptionsItemSelected(item);  } } |

PerSon.java

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| **public class** PerSon {  **public** String **HoTen**;  **public** String **DiaChi**;   **public** String getHoTen() {  **return HoTen**;  }   **public** String getDiaChi() {  **return DiaChi**;  }   **public** String getSGT() {  **return SGT**;  }   **public byte**[] getHinh() {  **return hinh**;  }   **public** String **SGT**;  **public byte** [] **hinh**;   **public** PerSon(String hoTen, String diaChi, String SGT, **byte**[] hinh) {  **HoTen** = hoTen;  **DiaChi** = diaChi;  **this**.**SGT** = SGT;  **this**.**hinh** = hinh;  } } |

MyAdapter.java

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| **public class** MyAdapter **extends** ArrayAdapter {  Activity **context**;  **int resuorce**;  ArrayList<PerSon> **list**;   **public** MyAdapter(@NonNull Activity context, @LayoutRes **int** resource, @NonNull ArrayList<PerSon> list) {  **super**(context, resource, list);  **this**.**context**=context;  **this**.**resuorce**=resource;  **this**.**list**=list;  }  @NonNull  @Override  **public** View getView(**int** position, @Nullable View convertView, @NonNull ViewGroup parent) {  *// return super.getView(position, convertView, parent);* LayoutInflater inflater=**context**.getLayoutInflater();  View row=inflater.inflate(R.layout.***listview***,**null**);  *//lay out listview*  ImageView hinh= (ImageView) row.findViewById(R.id.***pcHinh***);  TextView hoten=(TextView)row.findViewById(R.id.***txtHoTen***);  TextView diachi=(TextView)row.findViewById(R.id.***txtDiaChi***);  TextView sdt=(TextView)row.findViewById(R.id.***txtSDT***);   PerSon perSon=**list**.get(position);  *//chuyen byte[] ->bitmap* **byte**[] hinhanh=perSon.getHinh();  Bitmap bitmap= BitmapFactory.*decodeByteArray*(hinhanh,0,hinhanh.**length**);  hinh.setImageBitmap(bitmap);   hoten.setText(perSon.getHoTen());  diachi.setText(perSon.getDiaChi());  sdt.setText(perSon.getSGT());  **return** row;  } } |

ThemPerson.java

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| **public class** ThemPerson **extends** AppCompatActivity {  ImageButton **ImaFolder**;  ImageView **imageHinh**;  Button **btThem**,**btThoat**;  EditText **edHoTen**,**edDiaChi**,**edSDT**;  **int REQUEST\_CODE\_FOLDER**=123;   **public static** ArrayList<PerSon> *arr*=**new** ArrayList<PerSon>();  @Override  **protected void** onCreate(Bundle savedInstanceState) {  **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_them\_person***);  *//lay out activity\_them\_person* **edHoTen**= (EditText) findViewById(R.id.***edHoTen***);  **edDiaChi**= (EditText) findViewById(R.id.***edDiaChi***);  **edSDT**= (EditText) findViewById(R.id.***edSDT***);  **btThoat**= (Button) findViewById(R.id.***btThoat***);   **ImaFolder**= (ImageButton) findViewById(R.id.***ImaFolder***);  **imageHinh**= (ImageView) findViewById(R.id.***ImageHinh***);  **btThem**= (Button) findViewById(R.id.***btThem***);   **ImaFolder**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  Intent intent=**new** Intent(Intent.***ACTION\_PICK***);  intent.setType(**"image/\*"**);  startActivityForResult(intent,**REQUEST\_CODE\_FOLDER**);  }  });   **btThem**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  *//Chuyen thanh kieu byte* BitmapDrawable bitmapDrawable = (BitmapDrawable) **imageHinh**.getDrawable();  Bitmap bitmap=bitmapDrawable.getBitmap();  ByteArrayOutputStream byteArray=**new** ByteArrayOutputStream();  bitmap.compress(Bitmap.CompressFormat.***PNG***,100,byteArray);  **byte**[] HinhAnh=byteArray.toByteArray();  *arr*.add(**new** PerSon(**edHoTen**.getText().toString(),  **edDiaChi**.getText().toString(),**edSDT**.getText().toString(),HinhAnh));  Toast.*makeText*(ThemPerson.**this**, **"Thêm Thành Công"**, Toast.***LENGTH\_SHORT***).show();  startActivity(**new** Intent(ThemPerson.**this**,MainActivity.**class**));  }  });  **btThoat**.setOnClickListener(**new** View.OnClickListener() {   @Override  **public void** onClick(View v) {  startActivity(**new** Intent(ThemPerson.**this**,MainActivity.**class**));  }  });  }   @Override  **protected void** onActivityResult(**int** requestCode, **int** resultCode, Intent data) {  **super**.onActivityResult(requestCode, resultCode, data);  **if**(requestCode==**REQUEST\_CODE\_FOLDER** && resultCode==***RESULT\_OK*** && data!=**null**)  {  Uri uri=data.getData();  **try** {  InputStream inputStream=getContentResolver().openInputStream(uri);  Bitmap bitmap= BitmapFactory.*decodeStream*(inputStream);  **imageHinh**.setImageBitmap(bitmap);  } **catch** (FileNotFoundException e) {  e.printStackTrace();  }  }  } } |

SuaXoaPerSon.java

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| **public class** SuaXoaPerSon **extends** AppCompatActivity {   EditText **ediHoTen**,**edDiaChi**,**edSDT**;  ImageView **Hinh**;  **int REQUEST\_CODE\_FOLDER**=123;  ImageButton **ImaFolder**;  Button **btSua**,**btXoa**,**btExit**;  @Override  **protected void** onCreate(Bundle savedInstanceState) {  **super**.onCreate(savedInstanceState);  setContentView(R.layout.***activity\_sua\_xoa\_per\_son***);  *//activity\_sua\_xoa\_per\_son* **ediHoTen**= (EditText) findViewById(R.id.***XuatHoTen***);  **edDiaChi**= (EditText) findViewById(R.id.***XuatDiaChi***);  **edSDT**= (EditText) findViewById(R.id.***XuatSDT***);  **Hinh**= (ImageView) findViewById(R.id.***XuatImageHinh***);  **ImaFolder**= (ImageButton) findViewById(R.id.***XuatImaFolder***);  **btSua**= (Button) findViewById(R.id.***btSua***);  **btXoa**= (Button) findViewById(R.id.***btXoa***);  **btExit**= (Button) findViewById(R.id.***btExit***);   **ImaFolder**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  Intent intent=**new** Intent(Intent.***ACTION\_PICK***);  intent.setType(**"image/\*"**);  startActivityForResult(intent,**REQUEST\_CODE\_FOLDER**);  }  });   **ediHoTen**.setText(*arr*.get(*vitri*).getHoTen());  **edDiaChi**.setText(*arr*.get(*vitri*).getDiaChi());  **edSDT**.setText(*arr*.get(*vitri*).getSGT());  **byte**[] hinhanh=*arr*.get(*vitri*).getHinh();  Bitmap bitmap=BitmapFactory.*decodeByteArray*(hinhanh,0,hinhanh.**length**);  **Hinh**.setImageBitmap(bitmap);   **btSua**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  *//chuyen anh thanh byte* BitmapDrawable bitmapDrawable = (BitmapDrawable) **Hinh**.getDrawable();  Bitmap bitmap=bitmapDrawable.getBitmap();  ByteArrayOutputStream byteArray=**new** ByteArrayOutputStream();  bitmap.compress(Bitmap.CompressFormat.***PNG***,100,byteArray);  **byte**[] HinhAnh=byteArray.toByteArray();  *arr*.set(*vitri*,**new** PerSon(**ediHoTen**.getText().toString(),**edDiaChi**.getText().toString(),**edSDT**.getText().toString(),HinhAnh));  *myAdapter*.notifyDataSetChanged();  Toast.*makeText*(SuaXoaPerSon.**this**, **"Sửa Thành Công"**, Toast.***LENGTH\_SHORT***).show();  startActivity(**new** Intent(SuaXoaPerSon.**this**,MainActivity.**class**));  }  });  **btXoa**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  *arr*.remove(*vitri*);  *myAdapter*.notifyDataSetChanged();  Toast.*makeText*(SuaXoaPerSon.**this**, **"Xóa Thành Công"**, Toast.***LENGTH\_SHORT***).show();  startActivity(**new** Intent(SuaXoaPerSon.**this**,MainActivity.**class**));  }  });  **btExit**.setOnClickListener(**new** View.OnClickListener() {  @Override  **public void** onClick(View v) {  startActivity(**new** Intent(SuaXoaPerSon.**this**,MainActivity.**class**));  }  });  }   @Override  **protected void** onActivityResult(**int** requestCode, **int** resultCode, Intent data) {  **super**.onActivityResult(requestCode, resultCode, data);  **if**(requestCode==**REQUEST\_CODE\_FOLDER** && resultCode==***RESULT\_OK*** && data!=**null**)  {  Uri uri=data.getData();  **try** {  InputStream inputStream=getContentResolver().openInputStream(uri);  Bitmap bitmap= BitmapFactory.*decodeStream*(inputStream);  **Hinh**.setImageBitmap(bitmap);  } **catch** (FileNotFoundException e) {  e.printStackTrace();  }  }  } } |

A close up of a mans face

Description generated with high confidence