activity\_register.xml

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:orientation="vertical"

tools:context=".LoginActivity">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="20dp"

android:layout\_gravity="center"

android:textSize="30dp"

android:text="Register Page"/>

<ImageView

android:layout\_width="150dp"

android:layout\_height="150dp"

android:layout\_marginTop="20dp"

android:layout\_gravity="center"

android:src="@drawable/ic\_account\_circle\_black\_24dp"/>

<EditText

android:id="@+id/edt\_Username"

android:layout\_width="250dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:layout\_marginTop="20dp"

android:hint="Username"/>

<EditText

android:id="@+id/edt\_Password"

android:layout\_width="250dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:layout\_marginTop="20dp"

android:hint="Password"/>

<EditText

android:id="@+id/edt\_CPassword"

android:layout\_width="250dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:layout\_marginTop="20dp"

android:hint="Confirm - Password"/>

<Button

android:id="@+id/btn\_Register"

android:layout\_width="250dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:layout\_marginTop="20dp"

android:text="Register"/>

</LinearLayout>

activity\_login.xml

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:orientation="vertical"

tools:context=".LoginActivity">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="20dp"

android:layout\_gravity="center"

android:textSize="30dp"

android:text="Login Page"/>

<ImageView

android:layout\_width="150dp"

android:layout\_height="150dp"

android:layout\_marginTop="20dp"

android:layout\_gravity="center"

android:src="@drawable/ic\_account\_circle\_black\_24dp"/>

<EditText

android:id="@+id/edt\_Username"

android:layout\_width="250dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:layout\_marginTop="20dp"

android:hint="Username"/>

<EditText

android:id="@+id/edt\_Password"

android:layout\_width="250dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:layout\_marginTop="20dp"

android:hint="Password"/>

<Button

android:id="@+id/btn\_Login"

android:layout\_width="250dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:layout\_marginTop="20dp"

android:text="Login"/>

</LinearLayout>

activity\_catalog.xml

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:orientation="vertical"

tools:context=".CatalogActivity">

<Button

android:id="@+id/btn\_SortBy"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="10dp"

android:layout\_marginLeft="10dp"

android:layout\_marginBottom="10dp"

android:textSize="16dp"

android:text="Sort By"/>

<TableLayout

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:padding="10dp"

android:stretchColumns="\*">

<TableRow

android:id="@+id/content\_1"

android:layout\_marginBottom="20dp">

<ImageView

android:id="@+id/img\_1"

android:layout\_width="80dp"

android:layout\_height="80dp"/>

<TableLayout>

<TableRow>

<TextView

android:id="@+id/namaBarang\_1"

android:layout\_width="wrap\_content"

android:layout\_height="match\_parent"/>

</TableRow>

<TableRow>

<TextView

android:id="@+id/hargaBarang\_1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"/>

</TableRow>

<TableRow>

<TextView

android:id="@+id/seller\_1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"/>

</TableRow>

<TableRow>

<TextView

android:id="@+id/telp\_1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_weight="5"/>

<ImageView

android:id="@+id/heart\_1"

android:layout\_width="20dp"

android:layout\_height="20dp"

android:layout\_weight="1"

android:src="@drawable/heart"/>

</TableRow>

</TableLayout>

</TableRow>

<TableRow

android:id="@+id/content\_2"

android:layout\_marginBottom="20dp">

<ImageView

android:id="@+id/img\_2"

android:layout\_width="80dp"

android:layout\_height="80dp"/>

<TableLayout>

<TableRow>

<TextView

android:id="@+id/namaBarang\_2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"/>

</TableRow>

<TableRow>

<TextView

android:id="@+id/hargaBarang\_2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"/>

</TableRow>

<TableRow>

<TextView

android:id="@+id/seller\_2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"/>

</TableRow>

<TableRow>

<TextView

android:id="@+id/telp\_2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_weight="5"/>

<ImageView

android:id="@+id/heart\_2"

android:layout\_width="20dp"

android:layout\_height="20dp"

android:layout\_weight="1"

android:src="@drawable/heart"/>

</TableRow>

</TableLayout>

</TableRow>

<TableRow

android:id="@+id/content\_3"

android:layout\_marginBottom="20dp">

<ImageView

android:id="@+id/img\_3"

android:layout\_width="80dp"

android:layout\_height="80dp"/>

<TableLayout>

<TableRow>

<TextView

android:id="@+id/namaBarang\_3"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"/>

</TableRow>

<TableRow>

<TextView

android:id="@+id/hargaBarang\_3"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"/>

</TableRow>

<TableRow>

<TextView

android:id="@+id/seller\_3"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content" />

</TableRow>

<TableRow>

<TextView

android:id="@+id/telp\_3"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_weight="5"/>

<ImageView

android:id="@+id/heart\_3"

android:layout\_width="20dp"

android:layout\_height="20dp"

android:layout\_weight="1"

android:src="@drawable/heart"/>

</TableRow>

</TableLayout>

</TableRow>

<TableRow

android:id="@+id/content\_4">

<ImageView

android:id="@+id/img\_4"

android:layout\_width="80dp"

android:layout\_height="80dp"/>

<TableLayout>

<TableRow>

<TextView

android:id="@+id/namaBarang\_4"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"/>

</TableRow>

<TableRow>

<TextView

android:id="@+id/hargaBarang\_4"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"/>

</TableRow>

<TableRow>

<TextView

android:id="@+id/seller\_4"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"/>

</TableRow>

<TableRow>

<TextView

android:id="@+id/telp\_4"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_weight="5"/>

<ImageView

android:id="@+id/heart\_4"

android:layout\_width="20dp"

android:layout\_height="20dp"

android:layout\_weight="1"

android:src="@drawable/heart"/>

</TableRow>

</TableLayout>

</TableRow>

</TableLayout>

</LinearLayout>

activity\_edit\_profile.xml

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:orientation="vertical"

tools:context=".LoginActivity">

<ImageView

android:layout\_width="150dp"

android:layout\_height="150dp"

android:layout\_marginTop="20dp"

android:layout\_gravity="center"

android:src="@drawable/ic\_account\_circle\_black\_24dp"/>

<EditText

android:id="@+id/edt\_Username"

android:layout\_width="250dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:layout\_marginTop="20dp"

android:enabled="false"

android:hint="Username"/>

<EditText

android:id="@+id/edt\_NewPassword"

android:layout\_width="250dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:layout\_marginTop="20dp"

android:hint="New Password"/>

<EditText

android:id="@+id/edt\_OldPassword"

android:layout\_width="250dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:layout\_marginTop="20dp"

android:hint="Old Password"/>

<Button

android:id="@+id/btn\_Save"

android:layout\_width="250dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:layout\_marginTop="20dp"

android:text="Save Changes"/>

<Button

android:id="@+id/btn\_Cancel"

android:layout\_width="250dp"

android:layout\_height="wrap\_content"

android:layout\_gravity="center"

android:layout\_marginTop="20dp"

android:text="Cancel"/>

</LinearLayout>

login\_register\_menu.xml

<?xml version="1.0" encoding="utf-8"?>

<menu xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:android="http://schemas.android.com/apk/res/android">

<item

android:id="@+id/item\_Login"

android:title="Login"/>

<item

android:id="@+id/item\_Register"

android:title="Register"/>

</menu>

catalog\_menu.xml

<?xml version="1.0" encoding="utf-8"?>

<menu xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:android="http://schemas.android.com/apk/res/android">

<item

android:id="@+id/item\_EditProfile"

android:title="Edit Profile"/>

<item

android:id="@+id/item\_Logout"

android:title="Logout"/>

</menu>

sort\_popup\_menu.xml

<?xml version="1.0" encoding="utf-8"?>

<menu xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:android="http://schemas.android.com/apk/res/android">

<item

android:id="@+id/sort\_NamaASC"

android:title="Nama Barang Acending"/>

<item

android:id="@+id/sort\_NamaDESC"

android:title="Nama Barang Descending"/>

<item

android:id="@+id/sort\_HargaASC"

android:title="Harga Barang Acending"/>

<item

android:id="@+id/sort\_HargaDESC"

android:title="Harga Barang Descending"/>

</menu>

content\_context\_menu.xml

<?xml version="1.0" encoding="utf-8"?>

<menu xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:android="http://schemas.android.com/apk/res/android">

<item

android:id="@+id/item\_Wishlist"

android:title="Tambahkan Ke Whishlist" />

<item

android:id="@+id/item\_CallSeller"

android:title="Hubungi Penjual" />

</menu>

RegisterActivity.java

public class RegisterActivity extends AppCompatActivity {

EditText edtUsername, edtPassword, edtCPassword;

Button btnRegister;

Intent page;

ArrayList<User> users;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_register);

edtUsername = findViewById(R.id.edt\_Username);

edtPassword = findViewById(R.id.edt\_Password);

edtCPassword = findViewById(R.id.edt\_CPassword);

btnRegister= findViewById(R.id.btn\_Register);

getUsersData();

btnRegister.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

String username= edtUsername.getText().toString();

String password= edtPassword.getText().toString();

String cpassword= edtCPassword.getText().toString();

if (!username.isEmpty() && !password.isEmpty() && !cpassword.isEmpty()) {

if (password.equals(cpassword)) {

users.add(new User(username, password));

Toast.makeText(

RegisterActivity.this,

"Register berhasil!",

Toast.LENGTH\_SHORT

).show();

} else {

Toast.makeText(

RegisterActivity.this,

"Password dan confirm password tidak sama!",

Toast.LENGTH\_SHORT

).show();

}

}

}

});

}

private void getUsersData() {

if (getIntent().getSerializableExtra("users") != null) {

users= (ArrayList<User>) getIntent().getSerializableExtra("users");

} else {

users= new ArrayList<>();

}

}

@Override

public boolean onCreateOptionsMenu(Menu menu) {

getMenuInflater().inflate(R.menu.login\_register\_menu, menu);

return super.onCreateOptionsMenu(menu);

}

@Override

public boolean onOptionsItemSelected(@NonNull MenuItem item) {

if (item.getItemId() == R.id.item\_Login) {

page= new Intent(this, LoginActivity.class);

page.putExtra("users", users);

startActivity(page);

} else if (item.getItemId() == R.id.item\_Register) {

page= new Intent(this, RegisterActivity.class);

page.putExtra("users", users);

startActivity(page);

}

return super.onOptionsItemSelected(item);

}

}

LoginActivity.java

public class LoginActivity extends AppCompatActivity {

EditText edtUsername, edtPassword;

Button btnLogin;

Intent page;

ArrayList<User> users;

int logged;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_login);

edtUsername = findViewById(R.id.edt\_Username);

edtPassword = findViewById(R.id.edt\_Password);

btnLogin= findViewById(R.id.btn\_Login);

logged= -1;

getUsersData();

btnLogin.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

String username= edtUsername.getText().toString();

String password= edtPassword.getText().toString();

if (!username.isEmpty() && !password.isEmpty()) {

for (int i= 0; i<users.size(); i++) {

User u= users.get(i);

if (username.equals(u.getUsername()) && password.equals(u.getPassword())) {

logged= i;

break;

}

}

if (logged >= 0) {

Toast.makeText(

LoginActivity.this,

"Login berhasil!",

Toast.LENGTH\_SHORT

).show();

page= new Intent(LoginActivity.this, CatalogActivity.class);

page.putExtra("users", users);

page.putExtra("logged", logged);

startActivity(page);

} else {

Toast.makeText(

LoginActivity.this,

"Username atau password salah!",

Toast.LENGTH\_SHORT

).show();

}

}

}

});

}

private void getUsersData() {

if (getIntent().getSerializableExtra("users") != null) {

users= (ArrayList<User>) getIntent().getSerializableExtra("users");

} else {

users= new ArrayList<>();

}

}

@Override

public boolean onCreateOptionsMenu(Menu menu) {

getMenuInflater().inflate(R.menu.login\_register\_menu, menu);

return super.onCreateOptionsMenu(menu);

}

@Override

public boolean onOptionsItemSelected(@NonNull MenuItem item) {

if (item.getItemId() == R.id.item\_Login) {

page= new Intent(this, LoginActivity.class);

page.putExtra("users", users);

startActivity(page);

} else if (item.getItemId() == R.id.item\_Register) {

page= new Intent(this, RegisterActivity.class);

page.putExtra("users", users);

startActivity(page);

}

return super.onOptionsItemSelected(item);

}

}

CatalogActivity.java

public class CatalogActivity extends AppCompatActivity implements PopupMenu.OnMenuItemClickListener {

Button btnSortBy;

ArrayList<TableRow> contentRows;

View clicked;

Intent page;

ArrayList<User> users;

ArrayList<Barang> barangs;

int logged;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_catalog);

btnSortBy= findViewById(R.id.btn\_SortBy);

contentRows= new ArrayList<>();

barangs= new ArrayList<>();

btnSortBy.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

onCreatePopUpMenu(view);

}

});

for (int i= 1; i<=4; i++) {

String id= "content\_"+i;

int resID= getResources().getIdentifier(id, "id", getPackageName());

TableRow row= findViewById(resID);

row.setBackground(drawBorder());

registerForContextMenu(row);

contentRows.add(row);

}

getUsersData();

createBarang();

setContent();

}

private GradientDrawable drawBorder() {

GradientDrawable gd= new GradientDrawable();

gd.setColor(Color.WHITE);

gd.setCornerRadius(5);

gd.setStroke(7, Color.GRAY);

return gd;

}

private void getUsersData() {

if (getIntent().getSerializableExtra("users") != null) {

users= (ArrayList<User>) getIntent().getSerializableExtra("users");

logged= getIntent().getIntExtra("logged", 0);

}

}

private void createBarang() {

barangs.add(new Barang(

1,

getResources().getDrawable(R.drawable.fan),

"Kipas Anti Masuk Angin",

"1.000.000",

"Edwin",

"08100200300"

));

barangs.add(new Barang(

2,

getResources().getDrawable(R.drawable.microwave),

"Microwave Super Dingin",

"2.000.000",

"Michael",

"08400500600"

));

barangs.add(new Barang(

3,

getResources().getDrawable(R.drawable.smartphone),

"HP Anti Lemot - Lemot Club",

"3.000.000",

"Alicia",

"08700800900"

));

barangs.add(new Barang(

4,

getResources().getDrawable(R.drawable.refrigerator),

"Kulkas Panas Dingin",

"4.000.000",

"Robert",

"081000200030"

));

}

private Barang getBarang() {

for (int i= 0; i<contentRows.size(); i++) {

TableRow row= contentRows.get(i);

if (row.getId() == clicked.getId()) {

return barangs.get(i);

}

}

return null;

}

private void sortBarang(String sort) {

switch (sort) {

case "nama\_asc":

Collections.sort(barangs, new Comparator<Barang>() {

@Override

public int compare(Barang o1, Barang o2) {

return o1.getName().compareTo(o2.getName());

}

});

break;

case "nama\_desc":

Collections.sort(barangs, new Comparator<Barang>() {

@Override

public int compare(Barang o1, Barang o2) {

return o1.getName().compareTo(o2.getName());

}

});

Collections.reverse(barangs);

break;

case "harga\_asc":

Collections.sort(barangs, new Comparator<Barang>() {

@Override

public int compare(Barang o1, Barang o2) {

return o1.getPrice().compareTo(o2.getPrice());

}

});

break;

case "harga\_desc":

Collections.sort(barangs, new Comparator<Barang>() {

@Override

public int compare(Barang o1, Barang o2) {

return o1.getPrice().compareTo(o2.getPrice());

}

});

Collections.reverse(barangs);

break;

}

}

private void setContent() {

for (int i= 0; i<4; i++) {

Barang barang= barangs.get(i);

String imgID= "img\_"+(i+1);

String txtNamaID= "namaBarang\_"+(i+1);

String txtHargaID= "hargaBarang\_"+(i+1);

String sellerID= "seller\_"+(i+1);

String phoneID= "telp\_"+(i+1);

String favoriteID= "heart\_"+(i+1);

int resImgID= getResources().getIdentifier(imgID, "id", getPackageName());

int resTxtNamaID= getResources().getIdentifier(txtNamaID, "id", getPackageName());

int resTxtHargaID= getResources().getIdentifier(txtHargaID, "id", getPackageName());

int resSellerID= getResources().getIdentifier(sellerID, "id", getPackageName());

int resPhoneID= getResources().getIdentifier(phoneID, "id", getPackageName());

int resFavoriteID= getResources().getIdentifier(favoriteID, "id", getPackageName());

((ImageView) findViewById(resImgID)).setImageDrawable(barang.getImg());

((TextView) findViewById(resTxtNamaID)).setText(barang.getName());

((TextView) findViewById(resTxtHargaID)).setText(barang.getPrice());

((TextView) findViewById(resSellerID)).setText("Penjual: "+barang.getSellerName());

((TextView) findViewById(resPhoneID)).setText(barang.getSellerPhone());

if (users.get(logged).getWishlist().contains(barangs.get(i).getId())) {

((ImageView) findViewById(resFavoriteID)).setVisibility(View.VISIBLE);

} else {

((ImageView) findViewById(resFavoriteID)).setVisibility(View.INVISIBLE);

}

}

}

@Override

public boolean onCreateOptionsMenu(Menu menu) {

getMenuInflater().inflate(R.menu.catalog\_menu, menu);

return super.onCreateOptionsMenu(menu);

}

@Override

public boolean onOptionsItemSelected(@NonNull MenuItem item) {

if (item.getItemId() == R.id.item\_EditProfile) {

page= new Intent(this, EditProfileActivity.class);

page.putExtra("users", users);

page.putExtra("logged", logged);

startActivity(page);

} else if (item.getItemId() == R.id.item\_Logout) {

page= new Intent(this, LoginActivity.class);

page.putExtra("users", users);

startActivity(page);

}

return super.onOptionsItemSelected(item);

}

public void onCreatePopUpMenu(View view) {

PopupMenu popup= new PopupMenu(this, view);

popup.getMenuInflater().inflate(R.menu.sort\_popup\_menu, popup.getMenu());

popup.setOnMenuItemClickListener(this);

popup.show();

}

@Override

public boolean onMenuItemClick(MenuItem item) {

switch (item.getItemId()) {

case R.id.sort\_NamaASC:

sortBarang("nama\_asc");

break;

case R.id.sort\_NamaDESC:

sortBarang("nama\_desc");

break;

case R.id.sort\_HargaASC:

sortBarang("harga\_asc");

break;

case R.id.sort\_HargaDESC:

sortBarang("harga\_desc");

break;

}

setContent();

return false;

}

@Override

public void onCreateContextMenu(ContextMenu menu, View v, ContextMenu.ContextMenuInfo menuInfo) {

super.onCreateContextMenu(menu, v, menuInfo);

getMenuInflater().inflate(R.menu.content\_context\_menu, menu);

clicked= v;

for (int i= 0; i<contentRows.size(); i++) {

if (contentRows.get(i).getId() == clicked.getId()) {

if (users.get(logged).getWishlist().contains(barangs.get(i).getId())) {

menu.getItem(0).setTitle("Hapus Dari Wishlist");

} else {

menu.getItem(0).setTitle("Tambahkan Ke Wishlist");

}

}

}

}

@Override

public boolean onContextItemSelected(@NonNull MenuItem item) {

if (item.getItemId() == R.id.item\_Wishlist) {

if (item.getTitle().equals("Tambahkan Ke Wishlist")) {

users.get(logged).setWishlist(getBarang().getId());

} else if (item.getTitle().equals("Hapus Dari Wishlist")) {

users.get(logged).unWishlist(getBarang().getId());

}

setContent();

} else if (item.getItemId() == R.id.item\_CallSeller) {

String phone= getBarang().getSellerPhone();

page= new Intent(Intent.ACTION\_DIAL, Uri.parse("tel:"+phone));

startActivity(page);

}

return super.onContextItemSelected(item);

}

}

EditProfileActivity.java

public class EditProfileActivity extends AppCompatActivity implements View.OnClickListener{

EditText edtUsername, edtNewPassword, edtOldPassword;

Button btnSave, btnCancel;

Intent page;

ArrayList<User> users;

int logged;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_edit\_profile);

edtUsername= findViewById(R.id.edt\_Username);

edtNewPassword= findViewById(R.id.edt\_NewPassword);

edtOldPassword= findViewById(R.id.edt\_OldPassword);

btnSave= findViewById(R.id.btn\_Save);

btnCancel= findViewById(R.id.btn\_Cancel);

btnSave.setOnClickListener(this);

btnCancel.setOnClickListener(this);

getUsersData();

}

private void getUsersData() {

if (getIntent().getSerializableExtra("users") != null) {

users= (ArrayList<User>) getIntent().getSerializableExtra("users");

logged= getIntent().getIntExtra("logged", 0);

edtUsername.setText(users.get(logged).getUsername());

}

}

@Override

public void onClick(View view) {

if (view.getId() == R.id.btn\_Save) {

String newPassword= edtNewPassword.getText().toString();

String oldPassword= edtOldPassword.getText().toString();

if (!newPassword.isEmpty() && !oldPassword.isEmpty()) {

if (oldPassword.equals(users.get(logged).getPassword())) {

users.get(logged).setPassword(newPassword);

page= new Intent(this, CatalogActivity.class);

page.putExtra("users", users);

page.putExtra("logged", logged);

startActivity(page);

Toast.makeText(

this,

"Ganti password berhasil!",

Toast.LENGTH\_SHORT

).show();

} else {

Toast.makeText(

this,

"Password lama salah!",

Toast.LENGTH\_SHORT

).show();

}

}

} else if (view.getId() == R.id.btn\_Cancel) {

page= new Intent(this, CatalogActivity.class);

page.putExtra("users", users);

page.putExtra("logged", logged);

startActivity(page);

}

}

}

User.java

public class User implements Serializable {

private String username, password;

private ArrayList<Integer> wishlist;

public User(String username, String password) {

this.username = username;

this.password = password;

this.wishlist= new ArrayList<>();

}

public String getUsername() { return username; }

public void setUsername(String username) { this.username = username; }

public String getPassword() { return password; }

public void setPassword(String password) { this.password = password; }

public ArrayList<Integer> getWishlist() { return this.wishlist; }

public void setWishlist(int id\_barang) { this.wishlist.add(id\_barang); }

public void unWishlist(int id\_barang) {

this.wishlist.remove(this.wishlist.indexOf(id\_barang));

}

}

Barang.java

public class Barang {

private int id;

private Drawable img;

private String name, price, sellerName, sellerPhone;

public Barang(int id, Drawable img, String name, String price, String sellerName, String sellerPhone) {

this.id= id;

this.img= img;

this.name = name;

this.price = price;

this.sellerName = sellerName;

this.sellerPhone = sellerPhone;

}

public int getId() { return this.id; }

public Drawable getImg() { return img; }

public String getName() { return name; }

public String getPrice() { return price; }

public String getSellerName() { return sellerName; }

public String getSellerPhone() { return sellerPhone; }

}