ICP9

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<https://github.com/sc7vc/Web_Applications/tree/main/Web/ICP9>

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<https://github.com/mmg6m/Web/tree/main/Web_ICP/ICP9>

1. Open the Android Studio and click on New Project and select empty activity as below

Graphical user interface, application

Description automatically generated

1. Give our project name as ICP9 as below and click on Finish

Graphical user interface, text, application

Description automatically generated

1. The following project will be created

Graphical user interface, application

Description automatically generated

1. We can give user multiple options as below

switch(view.getId()) {  
 case R.id.*rb\_handTossed*:  
 if (checked)  
 crust = "Hand Tossed";  
 break;  
 case R.id.*rb\_handmadePan*:  
 if (checked)  
 crust = "Hand Made";  
 break;  
 case R.id.*rb\_thinCrust*:  
 if (checked)  
 crust = "Thin Crust";  
 break;  
}

1. We can send the email as below

Intent emailIntent = new Intent(Intent.*ACTION\_SEND*);  
Log.*i*("Send email", "");  
emailIntent.setData(Uri.*parse*("mailto:"));  
emailIntent.setType("text/plain");  
emailIntent.putExtra(Intent.*EXTRA\_EMAIL*, userEmails);  
emailIntent.putExtra(Intent.*EXTRA\_SUBJECT*, "Pizza Delivery Details");  
emailIntent.putExtra(Intent.*EXTRA\_TEXT*, orderSummaryMessage);  
try {  
 startActivity(Intent.*createChooser*(emailIntent, "Choose any email client"));  
 finish();  
} catch (android.content.ActivityNotFoundException ex) {  
 Toast.*makeText*(MainActivity.this, "There is no email client installed.", Toast.*LENGTH\_SHORT*).show();  
}

1. We can calculate the total prize as below

float totalPrice = calculatePrice(hasCheese, hasMushrooms, hasChicken);

1. We can generate the order summary message as below

Intent redirect = new Intent(MainActivity.this, OrderSummery.class);  
redirect.putExtra("MESSAGE", orderSummaryMessage);

1. We are preparing the order summary as below

String orderSummaryMessage = getString(R.string.*order\_summary\_name*, userName) + ",\n" +  
 getString(R.string.*order\_details*) + "\n" +  
 getString(R.string.*order\_summary\_cheese*, boolToString(hasCheese)) + "\n" +  
 getString(R.string.*order\_summary\_mushrooms*, boolToString(hasMushrooms)) + "\n" +  
 getString(R.string.*order\_summary\_chicken*, boolToString(hasChicken)) + "\n" +  
 "Crust?" + crust + "\n"+  
 "Size?" + size + "\n" +  
 getString(R.string.*order\_summary\_quantity*, quantity) + "\n" +  
 getString(R.string.*order\_summary\_total\_price*, price) + "\n" +  
 getString(R.string.*thank\_you*);

1. The user should select less than 50 pizzas, we can achieve this as below

if (quantity < 50) {  
 quantity = quantity + 1;  
 display(quantity);  
} else {  
 Log.*i*("MainActivity", "Please select less than 50 pizzas");  
 Context context = getApplicationContext();  
 String lowerLimitToast = getString(R.string.*too\_much\_quantity*);  
 int duration = Toast.*LENGTH\_SHORT*;  
 Toast toast = Toast.*makeText*(context, lowerLimitToast, duration);  
 toast.show();  
 return;

1. We are showing order summary message as below

setContentView(R.layout.*activity\_order\_summery*);  
Details = (TextView)findViewById(R.id.*Details*);  
  
Details.setText(getIntent().getStringExtra("MESSAGE")

1. We can create text field as below

<EditText  
 android:id="@+id/et\_user"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="16sp"  
 android:hint="Enter your Name"  
 android:inputType="textCapWords"  
 android:textColorHint="@color/colorPrimary" />

1. We can create checkbox as below

<CheckBox  
 android:id="@+id/cb\_mushrooms"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="16sp"  
 android:buttonTint="#708090"  
 android:paddingLeft="24dp"  
 android:text="Mushrooms"  
 android:textColor="@android:color/holo\_blue\_dark"  
 android:textSize="16sp" />

1. We can create Radio group as below

<RadioGroup xmlns:android="http://schemas.android.com/apk/res/android"  
 android:id="@+id/rg\_crust"  
 android:text="Select Crust"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
 <RadioButton  
 android:id="@+id/rb\_handTossed"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="16sp"  
 android:onClick="onCrustSelected"  
 android:buttonTint="#708090"  
 android:paddingLeft="24dp"  
 android:text="Hand Tossed"  
 android:textColor="@android:color/holo\_blue\_dark"  
 android:textSize="16sp" />  
  
 <RadioButton  
 android:id="@+id/rb\_handmadePan"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="16sp"  
 android:onClick="onCrustSelected"  
 android:buttonTint="#708090"  
 android:paddingLeft="24dp"  
 android:text="Handmade Pan"  
 android:textColor="@android:color/holo\_blue\_dark"  
 android:textSize="16sp" />

1. We can create our custom Strings as below

<string name="order\_summary\_cheese">Add Cheese? <xliff:g example="yes" id="addCheese">%s</xliff:g></string>  
<string name="order\_summary\_mushrooms">Add Mushrooms? <xliff:g example="yes" id="addMushrooms">%s</xliff:g></string>  
<string name="order\_summary\_chicken">Add Chicken? <xliff:g example="yes" id="addChicken">%s</xliff:g></string>

1. Now we can see the output as below

A screenshot of a cell phone

Description automatically generated with medium confidence

Graphical user interface, application, Teams

Description automatically generated

Graphical user interface, application, Teams

Description automatically generated

1. Now when we click on View Order Summary Button

A close-up of a cell phone

Description automatically generated with medium confidence

1. Now click on Go To Order button and click on order button

A screenshot of a cell phone

Description automatically generated with medium confidence

1. Select the gmail from the options and it will display as below

A screenshot of a phone

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