

## ICP9 Report

Venkata Naga Sai Srikanth Gollapudi – [sggc9@umsystem.edu](mailto:sggc9@umsystem.edu)

github: <https://github.com/GollapudiSrikanth/WebMobileSpring2022/tree/main/Mobile/ICP9>

Mangi Varun Reddy - [vmf9p@umsystem.edu](mailto:vmf9p@umsystem.edu)

github: [https://github.com/MangiVarunReddy/Webcourse/tree/main/Mobile\\_part/ICP9](https://github.com/MangiVarunReddy/Webcourse/tree/main/Mobile_part/ICP9)

### Task Performed

The application starts from AndroidManifest.xml

#### AndroidManifest.xml

We have added user-permissions which contains internet permissions in order to allow the internet access.

We have defined a label which is an application name. Name of an application is “Pizza App”.

The following component is activity\_main.xml

#### Activity\_main.xml

All the code for the layout of an application is written inside this file.

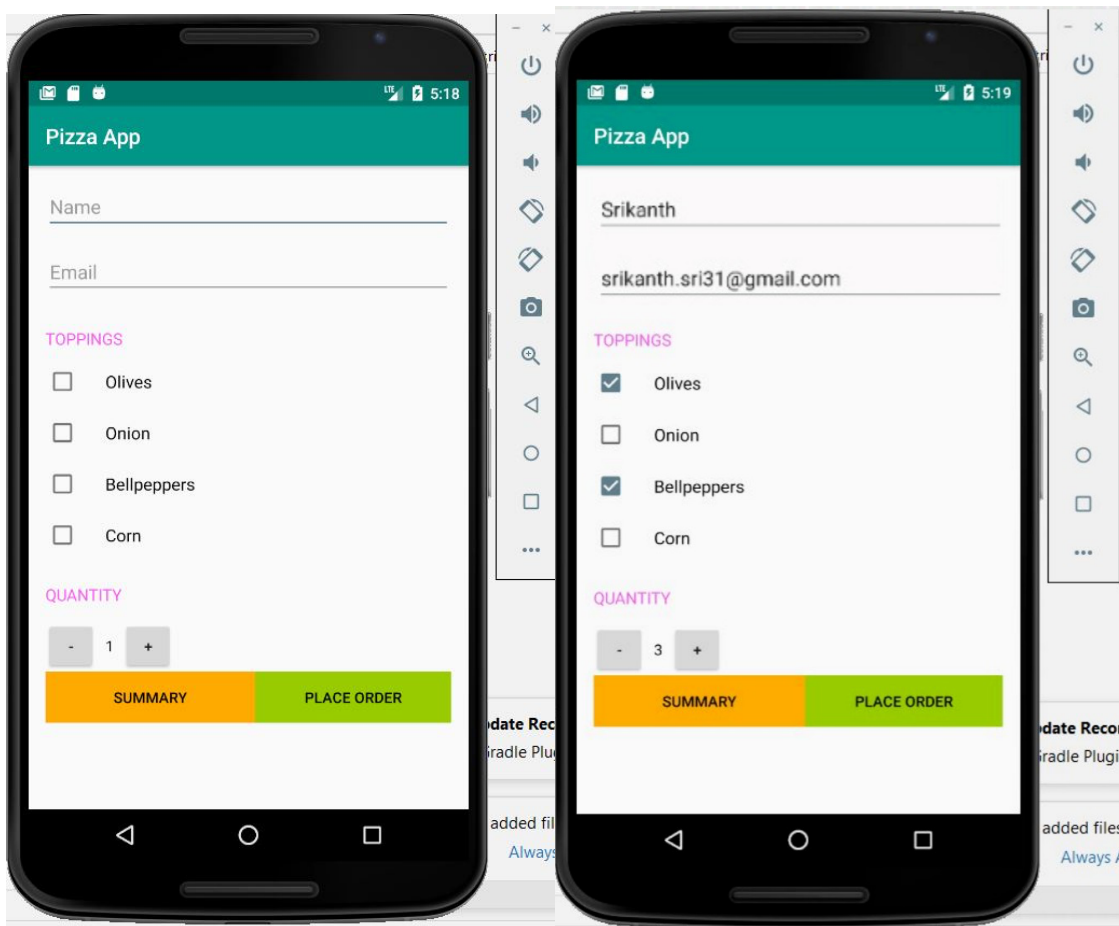
Layout has,

- 1) Textview which asks for a user’s details.
- 2) Two edit text options which take user inputs(name which accepts only text and email id which accepts on email type).
- 3) Check boxes, by just clicking the check box user can select any toppings of the pizza displayed on the layout.
- 4) Two buttons are included (their functionality is to help users select desired number of pizzas just by clicking “+ button” to increase quantity or “- button” to decrease quantity).
- 5) The layout also have Place order button and Summary button which helps to initiate the order and provide entire description of the order placed or selected.

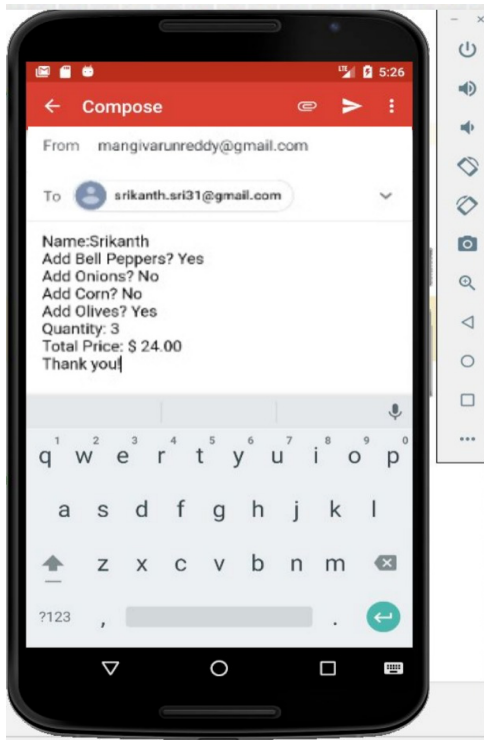
- 6) Whenever the user click the place order button, the page gets navigate to the mail page displaying the summary of the order. The summary include all the details such as name, corn, quantity, total price
- 7) User can also get the summary by clicking summary button. Using intent the page navigates to the other one to display summary

### Screenshots:

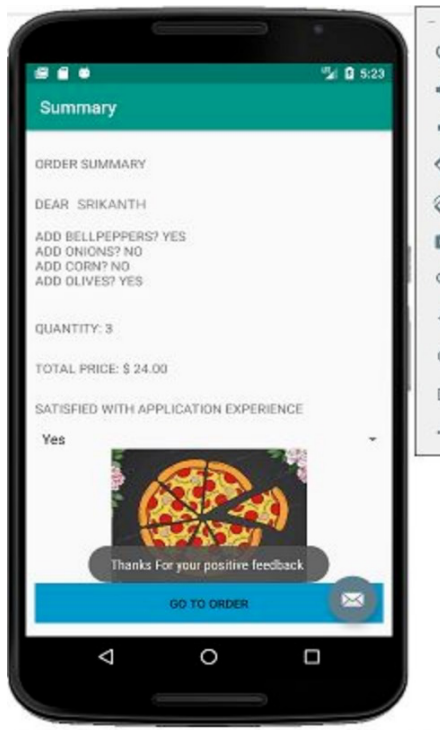
- a) Pizza App on the Mobile Device and entered the details of the user who is ordering the pizza.



- b) On click on the Place Order button it redirects to gmail app and sends the summary mail to the customer.



- c) On click on the summary button this page displays the order details



## MainCode Snippets:

### a) Order page design code in the PizzaApp

```
<ScrollView
    android:layout_width="423dp"
    android:layout_height="wrap_content"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:paddingTop="@dimen/activity_vertical_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
    android:paddingBottom="@dimen/activity_vertical_margin"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.5"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    tools:context="com.example.vijaya.myorder.Summary">

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

        <TextView
            style="@style/HeaderTextStyle"
            android:text="Order Summary" />

        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="horizontal">

            <TextView
                style="@style/HeaderTextStyle"
                android:text="Dear " />
```

b) Summary page logic in the PizzaApp

```
Intent redirect = new Intent(MainActivity.this, Summary.class);  
redirect.putExtra("OrderSummaryMessage", orderSummaryMessage);  
redirect.putExtra("order", order);  
redirect.putExtra("price", price1);  
redirect.putExtra("quant", quant);  
redirect.putExtra("name", name);
```

## **OutCome**

From this task we are able to create a food order application which is nothing but a Pizza App and provided the functionalities of ordering pizza and viewing the summary and getting the order details to the given email Id .

## **Task Distribution**

Work Contributed was equally distributed together.