

# ICP-9

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**GitHub Link:**

<https://github.com/TejdeepP/WebProgrammingSpring2022/tree/main/MobilePart/ICP9>

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**GitHub Link:**

<https://github.com/Yaswanthypfm7/WebDevCourse/tree/main/MobilePart/ICP9>

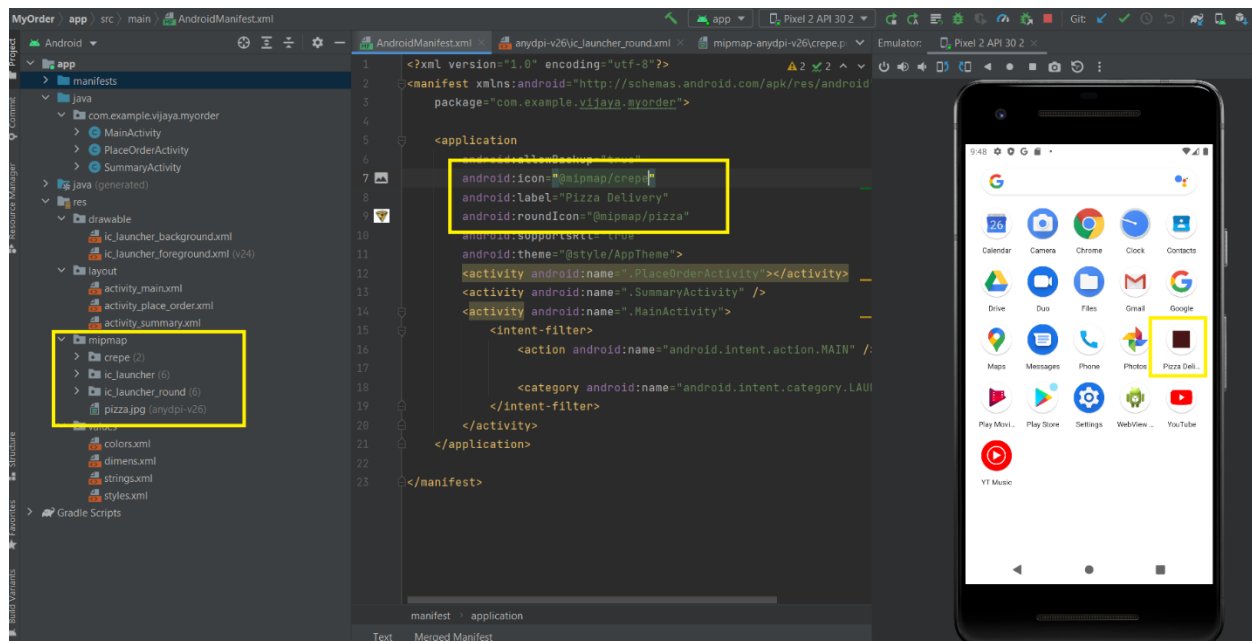
## Introduction

Android app development with Android studio helps users to easily access and download with less restriction compared to IOS. IOS has many restrictions and the complexity is more compared to Android apps, which is where the demand for Android apps has rapidly increase here in the market. Designing an Android app has made quite easily with tools like Android studio. We have used Layouts, Views and indents which helps us to build more attractive mobile apps with Android studio.

It has view groups, view and layouts. Android layouts are defined with id, height and width. Views are nothing but how to show and where to show an item in a rectangular form and can be of many forms like text, image, video, list etc. Each view will be having a tag and code is mentioned inside it. Intent acts as service i.e., a bridge between the tasks or activities. Toast is used to show the message for a duration and does not block any user actions.

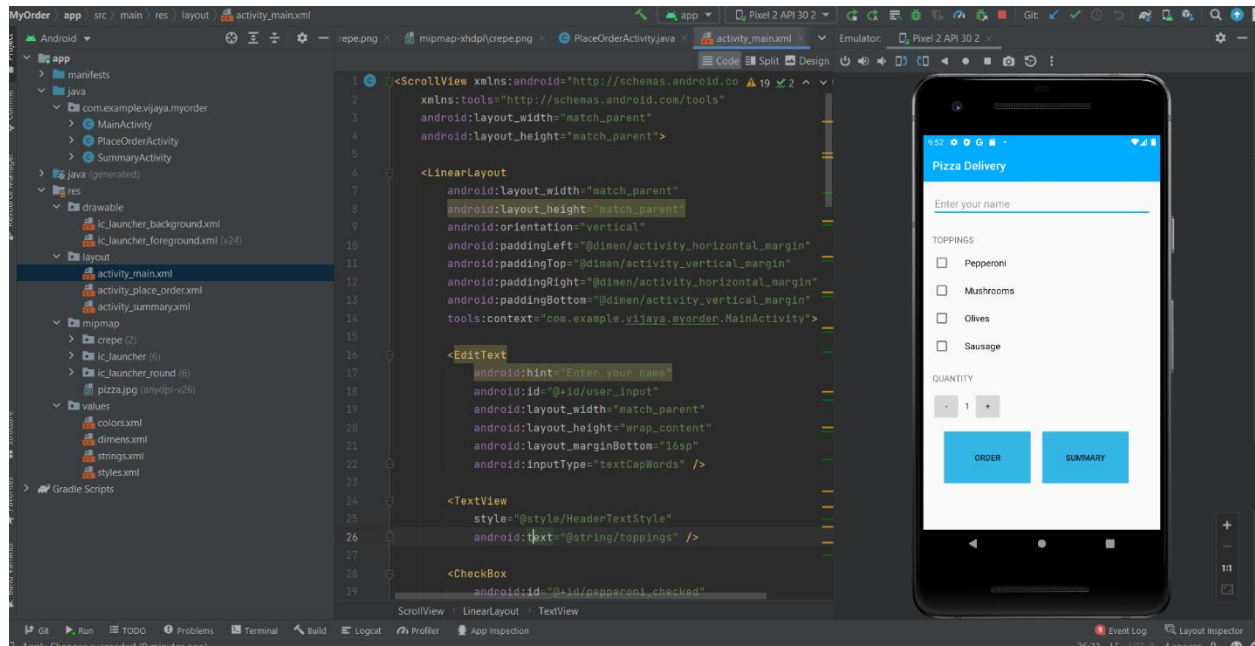
## Tasks

In this ICP we created a Whole Pizza Delivery App as shown below we created an icon for the delivery app using the android icon and the round icon parameters in the android Manifest file and placed the icons in the appropriate folder.

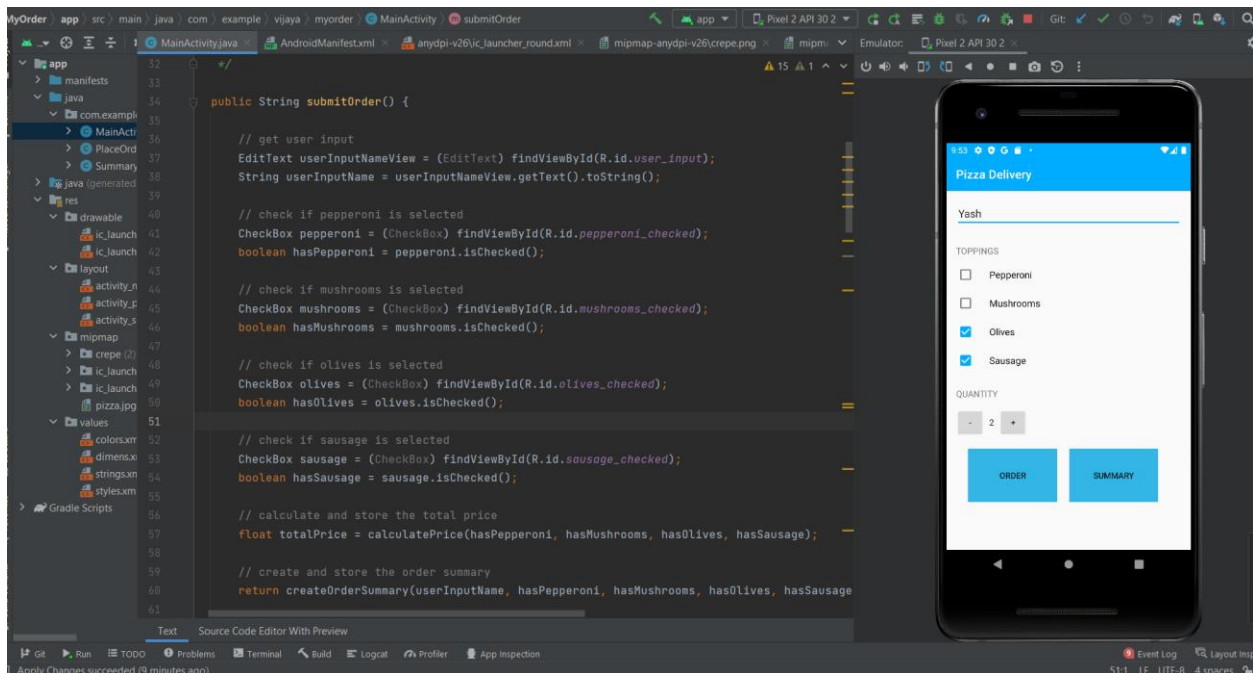
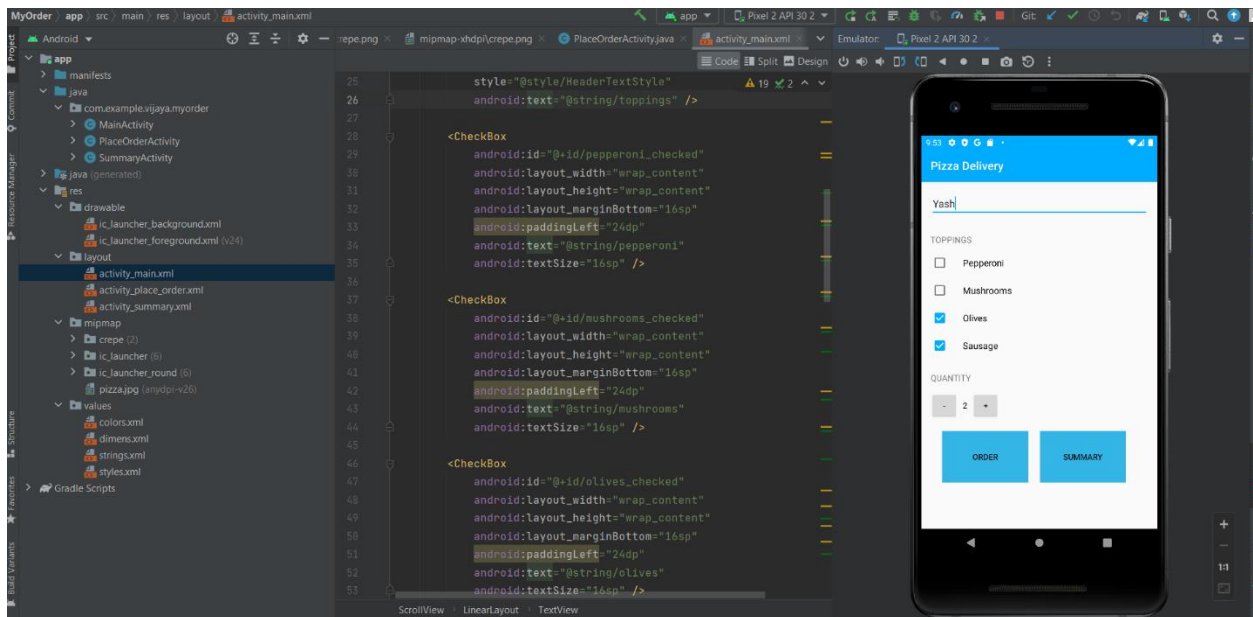


Once we open the app we will be able to see the below screen where it shows the name of the app as Pizza Delivery on the top as the title and also there is a edit text field where the place holder hint text is given as Enter the name to take the customer's name.

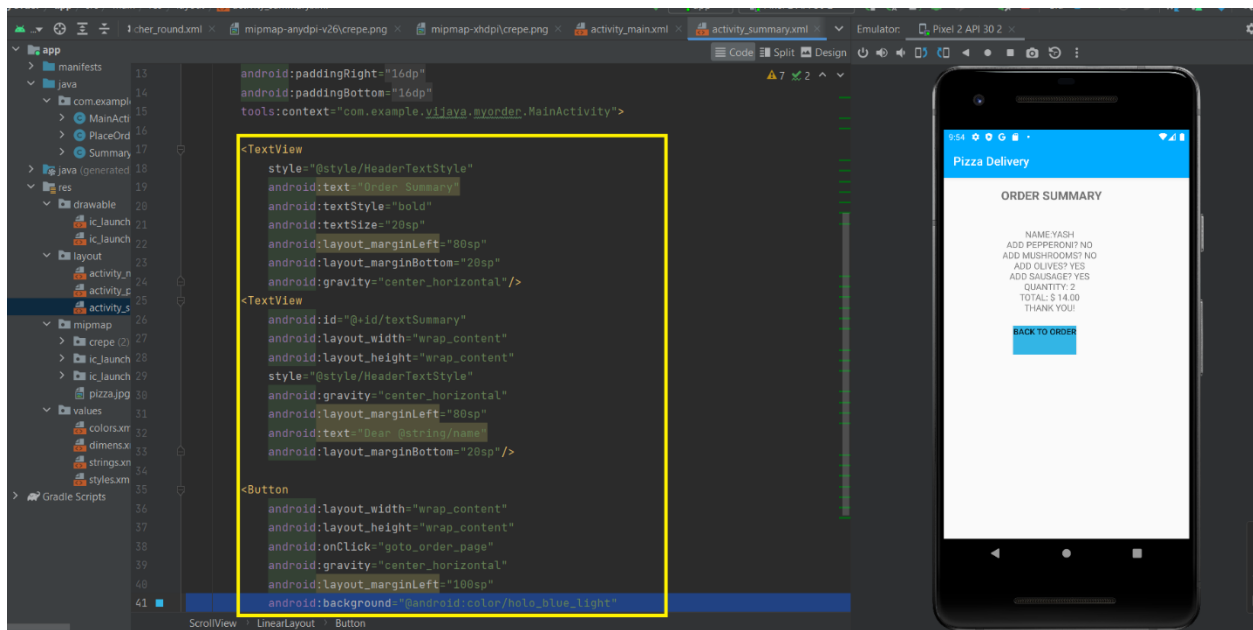
After that he will be having the option to choose the toppings from the four checkboxes below and also he will be able to select the quantity after that by having two buttons one for increment and one for decrement. At the bottom there are two buttons side by side in a linear layout one is for placing the order and the other is for summary.



Customer will choose the selection from the checkboxes and select the quantity required and then press the summary button to check the summary of that he/she is about to place the screenshots below shows the UI code and also logic for the Submit order.

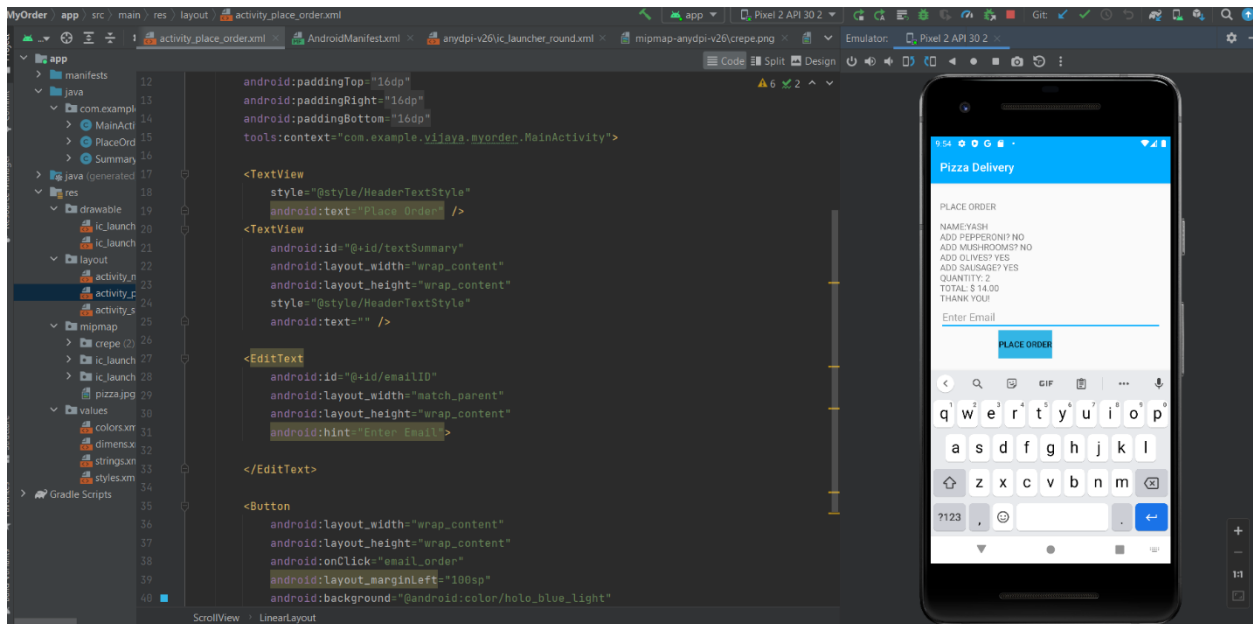


Once the Summary is clicked they will be redirected to the order summary page where he will be able to see the order summary and the styling is changed for the page to look better as the text gravity is set to center\_horizontal and then the heading is given bold text and also the margin is given at the top for each entity and at the bottom we have given back to order to navigate back to the home page.

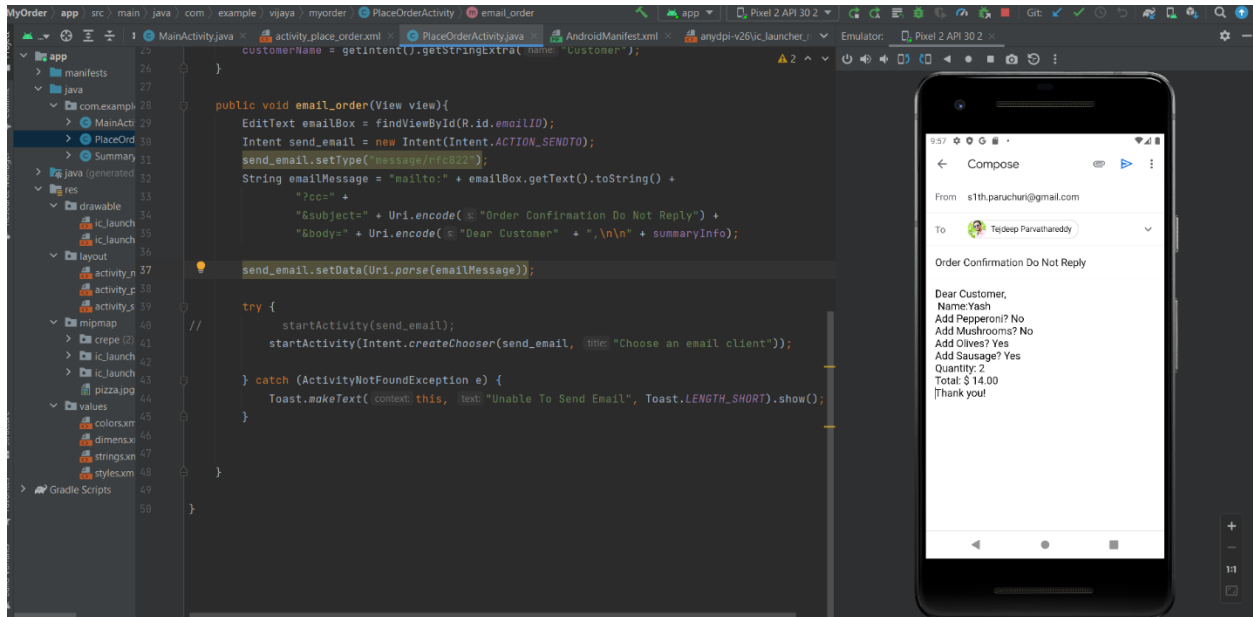


When user clicks on the order button in the home page he will be redirected to the place order page where user will get the information of the order that he is about to place and also the cost of the order.

At the bottom he will be asked to enter the Email At the bottom of it there will be a button Place order.



Once the user clicks on the Place order then the Gmail app will be open in the simulator with the order details populated and the code part is given on left for the email order.



When the mail is sent the user will receive a mail to the email address that he provided. Here is the screenshot of the mail received for the above order in the email.

10:08



## Order Confirmation Do Not Reply



Inbox



**yaswanth paruchuri** 10:07 PM

to me ▾



Dear Customer,

Name:Yash

Add Pepperoni? No

Add Mushrooms? No

Add Olives? Yes

Add Sausage? Yes

Quantity: 2

Total: \$ 14.00

Thank you!

↩ Reply

➦ Forward

**Contribution:**

We have contributed equally.