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GitHub Link :

[https://github.com/KavyaPara/Web\\_Development\\_Course/tree/main/Mobile-Development/ICP9](https://github.com/KavyaPara/Web_Development_Course/tree/main/Mobile-Development/ICP9)

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Github Link : <https://github.com/Manikantakavtapu/Web-Development-Course/tree/main/Mobile-Development/ICP9>

## Developing a pizza ordering app

### Tasks:

- We have created a MainActivity.java class for the Pizza application.
- This class provides the options for the user to select for the given set of toppings, also to select the quantity of the order and helps the user to give the name and mail for the order.
- We have used the CheckBox for selecting the toppings.
- We have used the buttons for increasing or decreasing the quantity of the order.
- We have created decrement and increment function for these buttons to work.

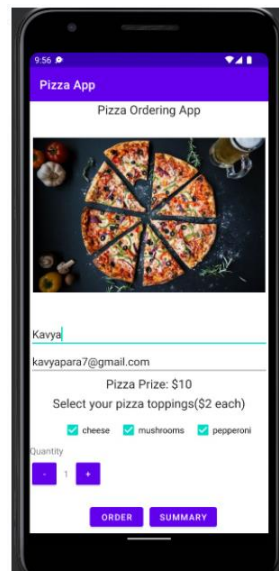
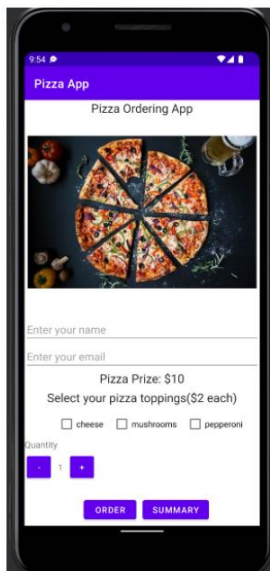
```
public void increment(View view) {  
    if (quantity < 100) {  
        quantity = quantity + 1;  
        display(quantity);  
    } else {  
        Log.i( tag: "MainActivity", msg: "Please select less than one hundred pizza");  
        Context context = getApplicationContext();  
        String lowerLimitToast = getString(R.string.too_much_pizza);  
        int duration = Toast.LENGTH_SHORT;  
        Toast toast = Toast.makeText(context, lowerLimitToast, duration);  
        toast.show();  
        return;  
    }  
}
```

```

public void decrement(View view) {
    if (quantity > 1) {
        quantity = quantity - 1;
        display(quantity);
    } else {
        Log.i( tag: "MainActivity", msg: "Please select atleast one pizza");
        Context context = getApplicationContext();
        String upperLimitToast = getString(R.string.too_little_pizza);
        int duration = Toast.LENGTH_SHORT;
        Toast toast = Toast.makeText(context, upperLimitToast, duration);
        toast.show();
        return;
    }
}

```

- There will be two buttons in this activity which are “Order” and “Summary”.



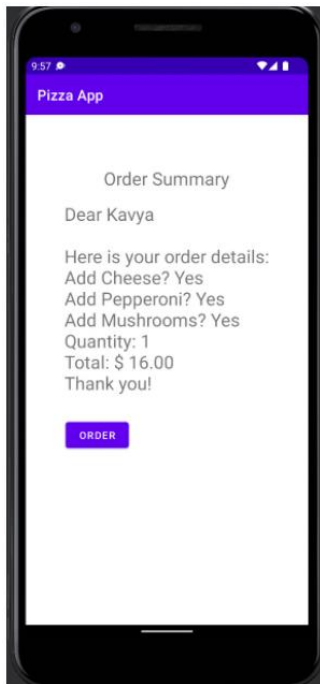
- Whenever the user presses the Summary button, the screen will be navigated to the summary screen where we can see the complete order details and the total price of the order.
- For the main screen to be navigated to the summary screen we have used the Intent.

```

Intent redirect = new Intent( packageContext: MainActivity.this, Summary.class);
redirect.putExtra( name: "MESSAGE", orderSummaryMessage);
MainActivity.this.startActivity(redirect);

```

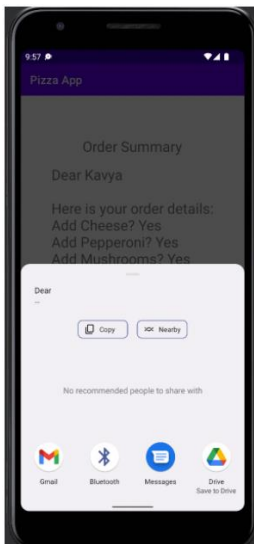
- In this summary screen there is an order button which helps the user to navigate to the main activity to proceed for the order.



- We have used the Intent for this navigation to occur.

```
public void onClick(View v) {
    Intent intent = new Intent( packageContext: Summary.this, MainActivity.class);
    startActivity(intent);
}
```

- And whenever the user presses the order button, it will provide the options for the user to send an email regarding the order details.



- This will send an email regarding the order details to the email provided by the user.

## Contributions:

We both have contributed equally.