public class OnlineCart

{

public void CheckOut(PaymentType paymentType)

{

switch(paymentType)

{

case PaymentType.CreditCard:

ProcessCreditCardPayment();

break;

case PaymentType.Paypal:

ProcessPaypalPayment();

break;

case PaymentType.GoogleCheckout:

ProcessGooglePayment();break;

case PaymentType.AmazonPayments:P

ProcessAmazonPayment();

break;

}

}

private void ProcessCreditCardPayment()

{

Print("Credit card payment chosen");

}

private void ProcessPaypalPayment(){

Print("Paypal payment chosen");

}

private void ProcessGooglePayment()

{

Print("Google payment chosen");

}

private void ProcessAmazonPayment()

{

Print("Amazon payment chosen");

}

}

Violation of single responsibility principle because one method has- multiple responsibilty

Diagram

Description automatically generated