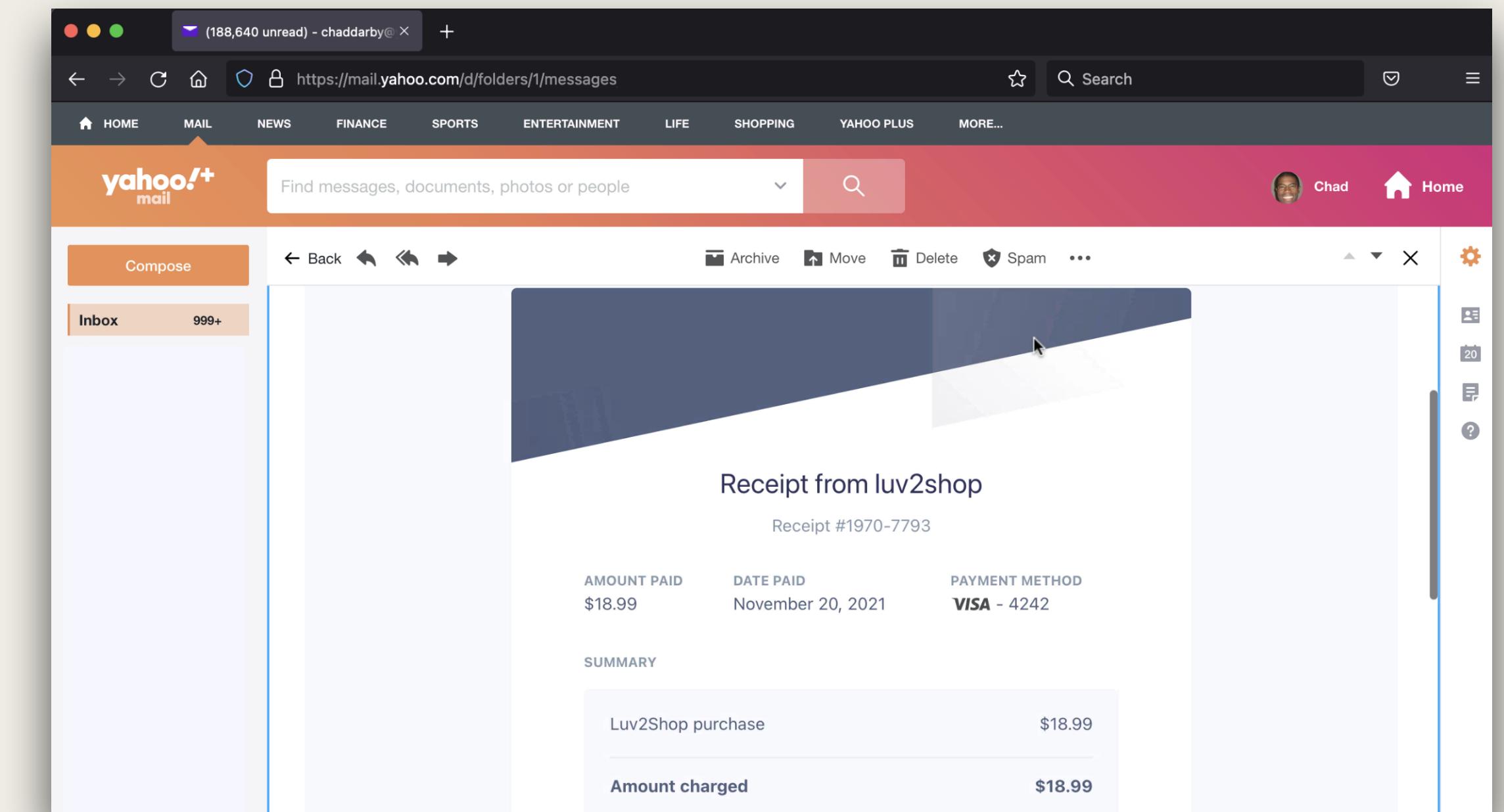


Payment Processing with Stripe

Email Receipts



Let's send an email receipt after checkout



Stripe Email Receipts

- Stripe can automatically send email receipts after a successful payment
- Developer provides customer's email when creating a `PaymentIntent`
- Note: In **Test** mode ... using Test API keys
 - Email receipts are NOT sent automatically
 - You need to manually send email receipts from Stripe Dashboard

Development Process

Step-By-Step

1. Angular

1. Add email field to payment-info.ts
2. In onSubmit(), assign email field to customer's email address

2. Spring Boot

1. Add email field to PaymentInfo.java
2. In createPaymentIntent(), assign email address

Step 1.1: Add email field to payment-info.ts

payment-info.ts

```
export class PaymentInfo {  
    amount: number;  
    currency: string;  
    receiptEmail: string;  
}
```

Step 1.2: In onSubmit(), assign email field to customer's email address

checkout.component.ts

```
onSubmit() {  
    ...  
  
    // compute payment info  
    this.paymentInfo.amount = Math.round(this.totalPrice*100);  
    this.paymentInfo.currency = "USD";  
  
    this.paymentInfo.receiptEmail = purchase.customer.email;  
  
    ...  
}
```

Step 2.1: Add email field to PaymentInfo.java

PaymentInfo.java

```
@Data  
public class PaymentInfo {  
  
    private int amount;  
    private String currency;  
    private String receiptEmail;  
  
}
```

Step 2.2: In `createPaymentIntent()`, assign email address

`CheckoutServiceImpl.java`

```
@Service
public class CheckoutServiceImpl implements CheckoutService {

    ...

    @Override
    public PaymentIntent createPaymentIntent(PaymentInfo paymentInfo) throws StripeException {

        List<String> paymentMethodTypes = new ArrayList<>();
        paymentMethodTypes.add("card");

        Map<String, Object> params = new HashMap<>();
        params.put("amount", paymentInfo.getAmount());
        params.put("currency", paymentInfo.getCurrency());
        params.put("payment_method_types", paymentMethodTypes);

        params.put("receipt_email", paymentInfo.getReceiptEmail());

        return PaymentIntent.create(params);
    }

}
```