

# Payment Processing with Stripe

## Disable Purchase Button



**Disable Purchase Button  
to prevent  
multiple form submissions**



# Development Process

Step-By-Step

1. Update checkout.component.ts
  1. Add a boolean field `isDisabled`
  2. Before REST API calls, set `isDisabled` to `true`
  3. Once REST API calls complete, set `isDisabled` to `false`
2. Update checkout.component.html
  1. Bind `disabled` attribute to `isDisabled` field

```
export class CheckoutComponent implements OnInit {
```

```
  isDisabled: boolean = false;
```

```
  ...
```

```
  onSubmit() {
```

```
    ...
```

```
    if (!this.checkoutFormGroup.invalid && this.displayError.textContent === '') {
```

```
      this.isDisabled = true;
```

```
      this.checkoutService.createPaymentIntent(this.p
```

```
      ...
```

```
        if (result.error) {
```

```
          // Inform the customer that there was an error
```

```
          alert(`There was an error: ${result.error.message}`);
```

```
          this.isDisabled = false;
```

```
        } else {
```

```
          // call REST API via the CheckoutService
```

```
          this.checkoutService.placeOrder(purchase
```

```
            next: response => {
```

```
              alert(`Your order has been received. \nOrder tracking number: ${response.orderTrackingNumber}`);
```

```
              // reset cart
```

```
              this.resetCart();
```

```
              this.isDisabled = false;
```

```
            },
```

```
            error: err => {
```

```
              alert(`There was an error: ${err.message}`);
```

```
              this.isDisabled = false;
```

```
            }
```

```
          })
```

Add new field

Before REST API calls, set field to true

After REST API calls, set field to false

After REST API calls, set field to false

checkout.component.html

```
<!-- submit button-->  
<div class="text-center">  
    <button type="submit" class="btn btn-info" [disabled]="isDisabled">Purchase</button>  
</div>
```

**Bind button to isDisabled field of  
checkout.component.ts**

**Button is automatically disabled/enabled**