

## Change Description #1:

Implemented changes so pr\_id is genuinely unique and cannot be cloned.

```
purchaserequisitionform

@login_required
def purchaserequisitionform(request):
    pr_id = random.randint(10000000,99999999) # set to unique number
    user_id = request.user.id
    person = Person.objects.get(user_id = user_id)

    context = {
        'title': 'Purchase Requisition Form',
        'person_id': person.person_id,
        'purchase_requisition_id': 'PR' + str(pr_id),
    }
    context['user'] = request.user

    return render(request, 'PurchaseRequisition/purchaserequisitionform.html', context)
```

Prior to changes made.

```
purchaserequisitionform

@login_required
def purchaserequisitionform(request):
    randomID = random.randint(10000000,99999999)

    responses = request.read()

    q = QueryDict(responses)

    prs_id = q.getlist('pr_id')

    prs_length = len(prs_id)

    i = 0
    j = 0

    while i < prs_length and j < prs_length:
        if prs_id[i] == randomID:
            i = 0
            randomID = random.randint(10000000,99999999)
            j = j + 1

        if j == prs_length - 1 and i != prs_length:
            randomID = randomID * 10;

    pr_id = randomID
```

After changes have been made.

## Change Description #2:

Implemented changes where the total amount of items can now be seen on Purchase Requisition History details.

The screenshot shows a web browser window with the URL `localhost:56028/purchaserequisitionhistorydetails?pr_id=PR62223294`. The page title is "Purchasing System". The user is logged in as "e00011". The page displays the following information:

Time Created: Feb. 13, 2020, 3:18 p.m.  
Purchase Requisition ID: PR62223294  
Staff ID: Harry Block  
123 Jalan 4/5, Taman ABC, Cyberjaya

Item ID	Item Name	Quantity	Price Per Unit (RM)	Total (RM)
123	Pen	3	5.00	15.00
Grand Total				15.00

Close

© - My Django Application



Change effects on output.

```
def purchaserequisitionhistorydetails(request):  
    print(request.body)  
    pk = request.GET['pr_id']  
    purchase_requisition = PurchaseRequisition.objects.get(pr_id = pk)  
    items = PurchaseRequisitionItem.objects.all().filter(pr_id = pk)  
  
    print(purchase_requisition.person_id)  
  
    context = {  
        'title': 'Purchase Requisition Details',  
        'purchase_requisition_id': pk,  
        'staff_id': purchase_requisition.person_id.person_id,  
        'rows': items,  
        'staff_info': purchase_requisition.person_id,  
        'total_price': purchase_requisition.total_price,  
        'grand_total': purchase_requisition.total_price,  
        'time_created': purchase_requisition.time_created,  
        'description': purchase_requisition.description  
    }
```

Changes made in code.