# Purchase Order Payment

Initial table

Date, **ChequeNumber**, ChequeAmount, SupplerNumber, SupplierName, (PurchaseOrderNumber, PurchaseOrderDate)

1NF

Date, **ChequeNumber**, ChequeAmount, SupplerNumber, SupplierName

**PurchaseOrderNumber**, PurchaseOrderDate, *ChequeNumber*

Note: from the brief description, we were told that the PO is paid in FULL. Therefore the PO value is NOT going to be spread over multiple Cheques. Therefore the Cheque number would ONLY appear ONCE on this table. This means that the ChequeNumber DOES NOT need to be part of the primary key in this instance.

It still needs to be a foreign key as the association (relationship) between the Cheques and the POs MUST still be maintained.

2NF

Date, **ChequeNumber**, ChequeAmount, SupplerNumber, SupplierName

**PurchaseOrderNumber**, PurchaseOrderDate, *ChequeNumber*

3NF

Date, **ChequeNumber**, ChequeAmount, *SupplerNumber*

**PurchaseOrderNumber**, PurchaseOrderDate, *ChequeNumber*

**SupplerNumber**, SupplierName

