| UNF | 1NF | 2NF | 3NF |
|-----|-----|-----|-----|
| #OrderNo | #OrderNo | #OrderNo | #OrderNo |
| OrderDate | OrderDate | OrderDate | OrderDate |
| CustomerID | CustomerID | #CustomerID | *CustomerID |
| FirstName | FirstName | | |
| LastName | LastName | #CustomerID | #BookID |
| Address | Address | Title | ISBN |
| Town | Town | FirstName | BookTitle |
| Country | Country | LastName | Author |
| PostCode | PostCode | Address | Price |
| Telephone | Telephone | Town | Publisher |
| BookID | | Country | |
| ISBN | #OrderNo | PostCode | #OrderNo |
| BookTitle | #BookID | Telephone | *CustomerID |
| Author | ISBN | | *BookID |
| Publisher | BookTitle | #OrderNo | Qty |
| Price | Author | #BookID | |
| Qty | Publisher | ISBN | #CustomerID |
| | Price | BookTitle | FirstName |

| | Qty | Author | LastName |
|---|---|---|---|
| | | Publisher | Address |
| | | Price | Town |
| | | Qty | Country |
| | | | PostCode |
| | | | Telephone |

SKELETON TABLE:

Order:

| OrderNo (PK) | OrderDate | CustomerID (FK) |
|---|---|---|

Book:

| BookID (PK) | ISBN | BookTitle | Author | Price | Publisher |
|---|---|---|---|---|---|

OrderDetails:

| OrderNo (PK) | CustomerID(FK) | BookID (FK) | QTY |
|---|---|---|---|

Customer:

| CustomerID (PK) | FirstName | LastName | Address | Town | Country | PostCode | Telephone |
|---|---|---|---|---|---|---|---|

| UNF | 1NF | 2NF | 3NF |
|---|---|---|---|
| Student Reg No. | #Student Reg No. | #Student Reg No. | #Student Reg No. |
| Surname | Surname | Surname | Surname |
| Firstname | Firstname | Firstname | Firstname |
| Address | Address | Address | Address |
| Town | Town | Town | Town |
| Country | Country | Country | Country |
| Post Code | Post Code | Post Code | Post Code |
| Telephone Number | Telephone Number | Telephone Number | *Telephone Number |
| Course Number | | | |
| Course Title | #Student Reg No. | #Student Reg No. | #Student Reg No. |
| Course Tutor | #Course Number | Course Number | #Telephone Number |

| | | | |
|---|---|---|---|
| Tutor Staff Room | Course Title | Course Title | |
| Tutor Telephone | Course Tutor | Course Tutor | #Student Reg No. |
| Start Date | Tutor Staff Room | Tutor Telephone | *Course Number |
| End Date | Tutor Telephone | Tutor Staff Room | *Tutor Telephone |
| Course Fee | Start Date | Start Date | Start Date |
| Outcome | End Date | End Date | End Date |
| | Course Fee | Course Fee | Course Fee |
| | Outcome | Outcome | Outcome |
| | | | |
| | | | #Course Number |
| | | | Course Title |
| | | | Course Tutor |
| | | | |
| | | | #Tutor Telephone |
| | | | Course Tutor |

| | | | Tutor Staff Room |
|---|---|---|---|
| | | | |

| UNF | 1NF | 2NF | 3NF |
|---|---|---|---|
| #Customer Account No. | #Customer Account No. | #Customer Account No. | #Customer Account No. |
| Customer Name | Customer Name | Customer Name | Customer Name |
| Customer Address | Customer Address | Customer Address | Customer Address |
| Customer Tel No | #Customer Tel No | Holiday Reference No | Holiday Reference No |
| Holiday Reference No | Holiday Reference No | | *Customer Tel No. |
| Booking date | | #Customer Account No. | |
| Hotel Name | #Customer Account No. | #Customer Tel No | #Customer Tel No |
| Holiday Resort | Holiday Reference No | Customer Name | Customer Name |
| Flight No | Booking date | | |
| Departure Airport | Hotel Name | #Customer Account No. | #Customer Account No. |
| Arrival Airport | Holiday Resort | #Flight No | *Holiday Reference No |

| | | | |
|---|---|---|---|
| Departure Date | #Flight No | #Holiday Reference No. | *Flight No |
| Return Date | Departure Airport | | |
| | Arrival Airport | #Flight No | #Flight No |
| | Departure Date | Departure Airport | Departure Airport |
| | Return Date | Arrival Airport | Arrival Airport |
| | | Departure Date | Departure Date |
| | | Return Date | Return Date |
| | | | |
| | | #Holiday Reference No | #Holiday Reference No |
| | | Booking date | Booking date |
| | | Hotel Name | Hotel Name |
| | | Holiday Resort | Holiday Resort |

| UNF | 1NF | 2NF | 3NF |
|---|---|---|---|
| EmployeeID | #EmployeeID | #EmployeeID | #EmployeeID |
| FirstName | FirstName | FirstName | FirstName |
| Surname | Surname | Surname | Surname |
| DOB | DOB | DOB | DOB |
| EmployeeStartDate | EmployeeStartDate | EmployeeStartDate | EmployeeStartDate |
| SiteName | SiteName | SiteName | *DepartmentID |
| SiteAddress | SiteAddress | SiteAddress | *SitePostCode |
| SitePostCode | #SitePostCode | #SitePostCode | *Room No |
| RoomNo | #RoomNo | #RoomNo | |
| RoomExt | RoomExt | RoomExt | #SitePostCode |
| DepartmentID | #DepartmentID | #DepartmentID | SiteAddress |
| DepartmentName | DepartmentName | DepartmentName | SiteName |
| ProjectID | | | |
| ProjectName | #ProjectID | #ProjectID | #EmployeeID |

| Role | ProjectName | ProjectName | #RoomNo |
|------|-------------|-------------|---------|
| HourlyRate | #EmployeeID | #EmployeeID | RoomExt |
| NumberOfHours | Role | Role | |
| CostCenterID | HourlyRate | HourlyRate | #EmployeeID |
| CostCenterName | NumberOfHours | NumberOfHours | #DepartmentID |
| | #CostCenterID | #CostCenterID | DepartmentName |
| | CostCenterName | CostCenterName | |
| | | | #ProjectID |
| | | #CostCenterID | #EmployeeID |
| | | CostCenterName | Role |
| | | | HourlyRate |
| | | | NumberOfHours |
| | | | *CostCenterID |
| | | | |
| | | | #CostCenterID |

| | | | CostCenterName |
|---|---|---|---|
| | | | |