Controller Tables

# User – Details of purchaser

* **id : User ID (int) - PK**
* first\_name : First Name (String)
* last\_name : Last Name (String)
* address : Address (String)
* telephone : Telephone (int)
* email : Email Address (String)

# session – Logs current session

* **id : Session ID (int) - PK**
* **user\_id : User ID (int) - FK**
* total : Total (int)

# CoffeeType – Details of coffee

* **id : Coffee ID (int) - PK**
* sku : Stock Keeping Unit (int)
* stock : Stock level (int)
* name : Name of Coffee (String)
* description : Coffee description (String)
* cost : Coffee cost (double)
* **discount\_id : Discount ID (int) - FK**

# Toppings – Details of topping

* **id : Toppings ID (int) - PK**
* sku : Stock Keeping Unit (int)
* stock : Stock level (int)
* name : Topping Name (String)
* cost : Cost of topping (int)

# Discount

* **id : Discount ID (int) - PK**
* name : Discount Name (String)
* amount\_percent : Discount percentage (int)
* applied : Is discount applied? (Boolean)

# Cart – users current cart

* **id : Cart ID (int) - PK**
* **session\_id : Session ID (int) - FK**
* **coffee\_id : Coffee ID (int) - FK**
* quantity : Quantity of item

# Payment\_Details – Payment details of users bank

* **id : Payment ID (int) - PK**
* amount : Total to pay (double)

# Order\_Receipt – Auditable receipt

* **id : Receipt ID (int) – PK**
* **payment\_id : Order ID (int) - FK**
* **payment\_amount : Amount (double) - FK**
* **coffee\_id : Coffee ID (int) - FK**
* **toppings\_id : Toppings ID (int) - FK**
* cart\_quantity : Cart Quantity (int) - FK
* paid : Has order been successfully completed? (Boolean)
* receipt\_number : Receipt number (int)