

Embroidery Shop

- A shop with employee(s) that sells embroidery products.
- Products fall into 5 categories (floss, hoops, storage, machinery and misc.).
- These products can have a colour, weight, length, price, company, name and material where applicable.
- Bundles of products are possible.

- **Colour:**
- PK ID int
- Name string
- Hex int

- **Employee:**
- PK ID int
- Name string
- Phone string
- Address string
- FK Store ID int

- **Store:**
- PK ID int
- Address string

- **Floss:**
- PK ID int
- FK Colour int
- Length decimal
- Type string
- FK Material int

- **Machinery:**
- PK ID int
- FK Colour int
- Weight decimal
- Part string

- **Product:**
- PK ID int
- Name string
- Price decimal
- Company string
- Quantity int

- **Hoop:**
- PK ID int
- FK Colour int
- Size string
- FK Material int

- **Misc.:**
- PK ID int
- FK Colour int
- FK Material string

- **Bundle:**
- PK ID int
- Name string
- Price decimal
- FK Products int

- **Storage:**
- PK ID
- FK Colour
- Size
- FK Material

- **Inventory:**
- PK FK Products int
- PK FK Store int
- Quantity of Product int

- **Material:**
- PK ID int
- Name string

	Bundle
PK	BundleID int
	BundleName varchar(25)
	Price decimal(6, 2)

	BundleProd
PK, FK	BundleID int
PK, FK	ProductID int
	Qty int default 1

	Employee
PK	EmpID int
	FirstName varchar(25)
	LastName varchar(25)
	Phone varchar(15)
	Address varchar(50)
FK	StoreID int

	Product
PK	ProductID int
	ProductName varchar(25)
	Price decimal(6, 2)
	Company varchar(25)
	Qty int default 1

	Inventory
PK, FK	ProductID int
PK, FK	StoreID int
	Qty int default 0

	Store
PK	StoreID int
	Address varchar(50)

	Machinery
PK, FK	ProductID int
FK	ColourId int
	Weight decimal(3,1)
	Part varchar(25)

	Floss
PK, FK	ProductID int
FK	ColourId int
	Length decimal(4, 2)
	Type varchar(10)
FK	MaterialID int

	Hoop
PK, FK	ProductID int
FK	ColourId int
	Size varchar(10)
FK	MaterialID int

	Storage
PK, FK	ProductID int
FK	ColourId int
	Size varchar(10)
FK	MaterialId int

	Misc
PK, FK	ProductID int
FK	ColourId int
FK	MaterialId int

	Material
PK	MaterialID int
	MaterialName varchar(25)

	Colour
PK	ColourId int
	ColourName varchar(25)
	ColourHex int

