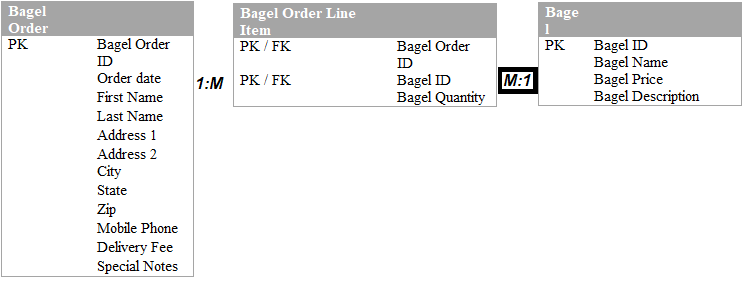
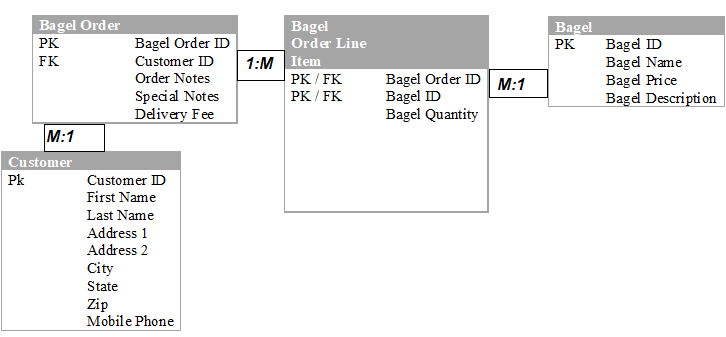
***Part A***

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***Part B:***

***Coffee:Table

Description automatically generated***

***SQL:*** CREATE TABLE `Coffee` (

`coffee\_id` int(11) NOT NULL,

`shop\_id` int(11) NOT NULL,

`supplier\_id` int(11) NOT NULL,

`coffee\_name` varchar(30) DEFAULT NULL,

`price\_per\_pound` decimal(5,2) DEFAULT NULL

) ALTER TABLE `Coffee`

ADD PRIMARY KEY (`coffee\_id`),

ADD KEY `shop\_id` (`shop\_id`),

ADD KEY `supplier\_id` (`supplier\_id`);

ALTER TABLE `Coffee`

MODIFY `coffee\_id` int(11) NOT NULL AUTO\_INCREMENT;

ALTER TABLE `Coffee`

ADD CONSTRAINT `coffee\_ibfk\_1` FOREIGN KEY (`shop\_id`) REFERENCES `Coffee\_Shop` (`shop\_id`),

ADD CONSTRAINT `coffee\_ibfk\_2` FOREIGN KEY (`supplier\_id`) REFERENCES `Supplier` (`supplier\_id`);

***Coffee Shop:Graphical user interface, application

Description automatically generated***

***SQL:*** CREATE TABLE `Coffee\_Shop` (

`shop\_id` int(11) NOT NULL,

`shop\_name` varchar(50) DEFAULT NULL,

`city` varchar(50) DEFAULT NULL,

`STATE` varchar(2) DEFAULT NULL

) ALTER TABLE `Coffee\_Shop`

MODIFY `shop\_id` int(11) NOT NULL AUTO\_INCREMENT;

ALTER TABLE `Coffee\_Shop`

ADD PRIMARY KEY (`shop\_id`);

ALTER TABLE `Coffee\_Shop`

MODIFY `shop\_id` int(11) NOT NULL AUTO\_INCREMENT;

***Employee:Table

Description automatically generated***

***SQL:*** CREATE TABLE `Employee` (

`employee\_id` int(11) NOT NULL,

`first\_name` varchar(30) NOT NULL,

`last\_name` varchar(30) NOT NULL,

`hire\_date` date NOT NULL,

`job\_title` varchar(30) NOT NULL,

`shop\_id` int(11) NOT NULL

)

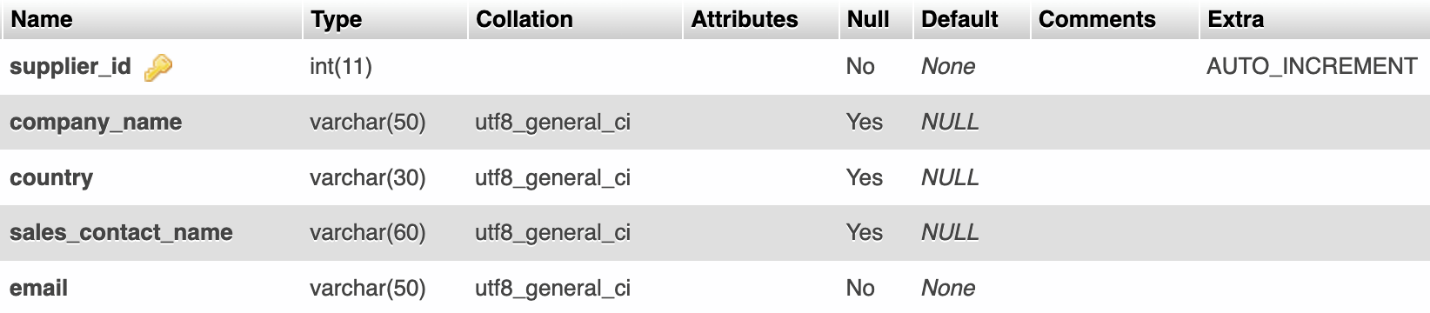
ALTER TABLE `Employee`

ADD PRIMARY KEY (`employee\_id`);

ALTER TABLE `Employee`

MODIFY `employee\_id` int(11) NOT NULL AUTO\_INCREMENT;

***Supplier:***

***  
SQL:*** CREATE TABLE `Supplier` (

`supplier\_id` int(11) NOT NULL,

`company\_name` varchar(50) DEFAULT NULL,

`country` varchar(30) DEFAULT NULL,

`sales\_contact\_name` varchar(60) DEFAULT NULL,

`email` varchar(50) NOT NULL

) ALTER TABLE `Supplier`

ADD PRIMARY KEY (`supplier\_id`);

ALTER TABLE `Supplier`

MODIFY `supplier\_id` int(11) NOT NULL AUTO\_INCREMENT;

***View:***

***SQL:***

CREATE VIEW Customer AS

SELECT CONCAT(CustomerFirstName, ' ', CustomerLastName) AS Name, CustomerStreetAddress1,

CustomerStreetAddress2, CustomerCity, CustomerState, CustomerZip, CustomerHomePhone, CustomerMobilePhone, CustomerOtherPhone

FROM Customers\_3NF