**Candidate: Daulat Gurung**

**Task 2 – Bubble gate**

**ERD**

A close up of text on a white background

Description automatically generated

Designed in Lucid Chart

**SQL**

CREATE TABLE `Supplier` (

`suppliers\_id` INT,

`product\_id` INT,

`compnay\_name` VARCHAR(50),

`email` VARCHAR(50),

`location` VARCHAR(50),

`date\_joined` DATE,

PRIMARY KEY (`suppliers\_id`),

KEY `FK` (`product\_id`)

);

CREATE TABLE `order` (

`order\_id` INT,

`product\_id` INT,

`customer\_id` INT,

`order\_date` DATE,

PRIMARY KEY (`order\_id`),

KEY `FK` (`product\_id`, `customer\_id`)

);

CREATE TABLE `Product` (

`product\_id` INT,

`customer\_id` INT,

`product` VARCHAR(50),

`description` VARCHAR(50),

`quantity` INT,

`date` DATE,

`Price` DOUBLE,

PRIMARY KEY (`product\_id`),

KEY `FK` (`customer\_id`)

);

CREATE TABLE `Customer` (

`customer\_id` INT,

`product\_id` INT,

`firstn\_name` VARCHAR(50),

`last\_name` VARCHAR(50),

`address` VARCHAR(50),

`city` VARCHAR(50),

`postcode` VARCHAR(50),

`country` VARCHAR(50),

`email` VARCHAR(50),

`phone` INT,

PRIMARY KEY (`customer\_id`),

KEY `FK` (`product\_id`)

);

**Task Verdict**

I got the database setup fine and got it to work, except when adding the products. The syntax for inserting the data into the database for “customers” works perfectly fine however for some reason I could not get the data insertion for the product to work, even though it used the exact same syntax as the customer. Overall I found the task to be challenging as I only have little knowledge in PHP and unfortunately could not complete it.