**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 working but ran into a problem which I could not fix. The syntax for inserting the data into the database for “customers” works perfectly fine however I could not get the data insertion for the product to working even though it used the exact same syntax as the customers SQL. Of course this can be due to my lack of knowledge in PHP.