



Database Tables

Customer Table

```
mysql> desc Customer;
```

Field	Type	Null	Key	Default	Extra
customerID	int	NO	PRI	NULL	auto_increment
fName	varchar(35)	YES		NULL	
lName	varchar(50)	YES		NULL	
email	varchar(50)	YES		NULL	
address	text	YES		NULL	
password	varchar(64)	YES		NULL	
phone	varchar(15)	YES		NULL	

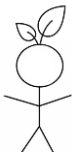
Figure 1: Structure of Customer Table

customerID	fName	lName	email	address	password	phone
1	Aoife	Murphy	aoife.murphy@gmail.com	12 Main St, Dublin, Ireland	de9ad42a71	+35312345678
2	Sean	Murphy	sean.oconnor@hotmail.ie	45 Elm Road, Cork, Ireland	e337af8bad	08987654321
3	Padraig	Kelly	padraig.kelly@example.com	34 Pine Lane, Limerick, Ireland	966e2eaa40	067 123 4567
4	Mark	Lambert	marklambert123@gmail.com	Ireland	9390298f3f	086 1694 202
5	Hannah	Flint	flinthannah@aol.com	Goldthorpe, Yorkshire, England	46b9e6bdf3	0827 2727 27
16	Ad	Min	admin@growingpains.com	Admins Basement	ca978112ca	0871231234
17	Password =	a	a@a	Note the hash output for "a"	ca978112ca	084 272 7272
18	Boe	Jloggs	boejloggs@geocities.com	308 Negra Arroyo Lane	0206f2eade	01001000

Figure 2: Sample Data of Customer Table

1

¹ Note, password field has been cropped for readability reasons, as the hashed password stretches the screenshot aspect ratio out, making text too small



Product Table

```
mysql> describe Product;
```

Field	Type	Null	Key	Default	Extra
productID	int	NO	PRI	NULL	auto_increment
productName	varchar(40)	YES		NULL	
description	text	YES		NULL	
price	decimal(4,2)	YES		NULL	
qty	int	YES		NULL	
category	varchar(30)	YES		NULL	
image_path	varchar(255)	NO		NULL	

Figure 3: Structure of Product table

2

```
mysql> select * from Product;
```

productID	productName	description	price	qty	category	image_path
3	Pothos	Pothos 13cm pot, suitable for all owners	14.99	25	Plant	images/pothos.png
4	Golden Mister	Golden mister, ideal for orchids and high humidity plants	8.99	12	Accessory	images/mister.png
5	Monstera	Monstera Adasonii w/ 15cm pot, suitable for all owners	12.99	41	Plant	images/monsterra.png
6	7cm Giraffe Pot	Gooft Giraffe pot to make your plants more fun	2.99	23	Accessory	images/griaffe_pot.png
7	Maidenhair Fern	Maidenhair Fern w/ 6cm pot, suitable for all owners	6.99	4	Plant	images/fern.png
8	Green Pot	Green Pot w/ Eye Design	8.99	3012	Accessory	images/pot_eyes.png
21	Golden Pothos	Golden Pothos w/ 8cm pot, suitable for all owners	5.99	26	Plant	images/golden_pothos.png
22	13cm Pot with Motif	Hand painted ceramic pot	10.99	10	Accessory	images/pot_egg.png
23	Pilea	Chinese Money plant (Pilea) in a kokedama. Kokedama is a ball of soil, covered with moss on which an ornamental plant grows. The idea has its origins in Japan, where it is a method of bonsai styling. Watering: Mist regularly, immerse in water when dry	5.99	27	Plant	images/pilea.png
24	Moisture Meter	Moisture Meter - Single probe, excellent for all experience levels for watering	4.99	38	Accessory	images/moisture_meter.png
25	Spider Plant	Spider Plant - Suitable for all experience levels, loves humidity	9.99	27	Plant	images/spider.png
26	8cm Pot with Wooden Stand	Duck egg blue pot with wooden stand	14.99	4	Accessory	images/pot_stand.png
27	String of Hearts	String of Hearts - Vining indoor plant	9.99	12	Plant	images/soh.png
28	String of Bananas	String of Bananas - Succulent vining plant	19.99	10	Plant	images/sob.png
29	Alocasia Poly	Alocasia - Elephant's Ear or Poly	15.99	14	Plant	images/alocasia.png

Figure 4: Sample Data for Product table

² Note, the description for productid 23 is intentionally long-winded to demonstrate usage of JTextArea elements.



Orders

```
mysql> describe Orders;
```

Field	Type	Null	Key	Default	Extra
orderID	int	NO	PRI	NULL	auto_increment
customerID	int	YES		NULL	
date	date	YES		NULL	
time	time	YES		NULL	
shippingAddress	text	YES		NULL	
totalPrice	decimal(10,2)	YES		NULL	

Figure 5: Structure of Orders Table

```
mysql> select * from Orders;
```

orderID	customerID	date	time	shippingAddress	totalPrice
1	4	2025-03-29	11:58:21	Ireland	95.90
2	4	2025-03-29	20:41:34	Ireland	8.99
3	4	2025-03-29	20:43:54	Ireland	6.99
4	11	2025-03-29	21:18:40	a	19.98
5	11	2025-03-29	23:49:18	a	5.99
6	11	2025-03-30	00:10:52	a	2.99
7	4	2025-03-30	00:23:27	Ireland	0.00
8	4	2025-03-30	00:24:47	Ireland	9.99
9	0	2025-03-30	17:35:41	a	64.94
10	10	2025-03-30	17:37:29	a	6.99
16	12	2025-03-30	22:53:41	a	10.99
17	10	2025-04-02	00:10:16	a	12.99

Figure 6: Sample Data for Orders Table