

Table Design

tbl_login

Primary key: id

No.	Field Name	Data Type (Size)	Key Constraint	Description
1	uid	AutoField (primary key)	Primary Key	Unique identifier for the user.
2	first_name	CharField (50)	Not null	First name of the user.
3	last_name	CharField (50)	Not null	Last name of the user.
4	email	EmailField (100)	Unique	Email address of the user.
5	password	CharField (128)	Not null	User's password (hashed).
6	role	PositiveSmallIntegerField	Not null	User's role (Customer, Seller, Delivery).
7	is_admin	BooleanField	Not null	Indicates if the user is an admin.
8	is_staff	BooleanField	Not null	Indicates if the user is staff.
9	is_active	BooleanField	Not null	Indicates if the user is active.
10	is_superuser	BooleanField	Not null	Indicates if the user is a superadmin.

tbl_profile

Primary key: pid

Foreign key: uid references tbl_login

No.	Field Name	Data Type (Size)	Key Constraint	Description
1	pid	AutoField (primary key)	Primary Key	Unique identifier for the profile.
2	uid	ForeignKey (CustomUser)	Foreign Key	User associated with the profile.
3	address	TextField	Not null	Address of the user.
4	district	CharField (100)	Not null	District of the user.
5	state	CharField (100)	Not null	State of the user.
6	country	CharField (100)	Not null	Country of the user.
7	pincode	CharField (10)	Not null	Pincode of the user.

tbl_sellerProfile

Primary key: id

Foreign key: uid references tbl_login

No.	Field Name	Data Type (Size)	Key Constraint	Description
1	sid	AutoField (primary key)	Primary Key	Unique identifier for the seller profile.
2	uid	ForeignKey (CustomUser)	Foreign Key	User associated with the seller profile.
3	gst	TextField (30)	Not null	GST number of the seller.
4	pan	TextField (30)	Not null	PAN number of the seller.

tbl_wishlist

Primary key: id

Foreign key: uid references tbl_login

No.	Field Name	Data Type (Size)	Key Constraint	Description
1	id	AutoField (primary key)	Primary Key	Unique identifier for a wishlist item.
2	uid	ForeignKey (CustomUser)	Foreign Key	User who owns the wishlist item.
3	product	ForeignKey (Product)	Foreign Key	Product added to the wishlist.
4	quantity	PositiveIntegerField	Not null	Quantity of the product in the wishlist.

tbl_products

Primary key: id

Foreign key: uid references tbl_login

No.	Field Name	Data Type (Size)	Key Constraint	Description
1	prid	AutoField (primary key)	Primary Key	Unique identifier for the product.
2	uid	ForeignKey (CustomUser)	Foreign Key	User associated with the product.

No.	Field Name	Data Type (Size)	Key Constraint	Description
3	name	CharField (255)	Not null	Name of the product.
4	product_name	CharField (255)	Not null	Name of the product.
5	brand_name	CharField (255)	Not null	Brand name of the product.
6	price	CharField (255)	Not null	Price of the product.
7	image1	ImageField (max_length=255)	Not null	Image of the product (1st).
8	image2	ImageField (max_length=255)	Not null	Image of the product (2nd).
9	image3	ImageField (max_length=255)	Not null	Image of the product (3rd).
10	description	TextField (255)	Not null	Description of the product.
11	category	CharField (255)	Not null	Category of the product.
12	stock	PositiveIntegerField	Not null	Stock quantity of the product.

tbl_laptop

Primary key: id

Foreign key: prid references tbl_products

No.	Field Name	Data Type (Size)	Key Constraint	Description
1	id	AutoField (primary key)	Primary Key	Unique identifier for the laptop product.
2	prid	ForeignKey (Product)	Foreign Key	Parent product associated with the laptop.
3	screen_size	CharField (255)	Not null	Screen size of the laptop.
4	space	CharField (255)	Not null	Storage space of the laptop.
5	ram	CharField (255)	Not null	RAM capacity of the laptop.
6	os	CharField (255)	Not null	Operating system of the laptop.
7	graphics	CharField (255)	Not null	Graphics specifications of the laptop.
8	color	CharField (255)	Not null	Color of the laptop.

No.	Field Name	Data Type (Size)	Key Constraint	Description
9	processor	CharField (255)	Not null	Processor type of the laptop.
10	storage	CharField (255)	Not null	Storage specifications of the laptop.

tbl_mobile

Primary key: id

Foreign key: prid references tbl_products

No.	Field Name	Data Type (Size)	Key Constraint	Description
1	id	AutoField (primary key)	Primary Key	Unique identifier for the mobile product.
2	prid	ForeignKey (Product)	Foreign Key	Parent product associated with the mobile.
3	wireless	CharField (255)	Not null	Wireless technology used in the mobile.
4	m_os	CharField (255)	Not null	Operating system of the mobile.
5	cellular	CharField (255)	Not null	Cellular technology and specifications.
6	memory	CharField (255)	Not null	Memory capacity and type in the mobile.
7	connectivity	CharField (255)	Not null	Connectivity options of the mobile.
8	m_screen	CharField (255)	Not null	Mobile screen specifications.
9	wireless_network_technology	CharField (255)	Not null	Technology used in wireless networking.
10	color	CharField (255)	Not null	Color of the mobile.
11	ram	TextField (255)	Not null	RAM specifications of the mobile.
12	processor	CharField (255)	Not null	Processor type and specifications.
13	camrear	CharField (255)	Not null	Rear camera specifications.
14	camfront	CharField (255)	Not null	Front camera specifications.

tbl_headsed

Primary key: id

Foreign key: prid references tbl_products

No	Field Name	Data Type (Size)	Key Constraint	Description
1	id	AutoField (primary key)	Primary Key	Unique identifier for the headset product.
2	prid	ForeignKey (Product)	Foreign Key	Parent product associated with the headset.
3	battery	CharField (255)	Not null	Battery specifications for the headset.
4	color	CharField (255)	Not null	Color of the headset.
5	form_factor	CharField (255)	Not null	Form factor or design of the headset.
6	h_connectivity	CharField (255)	Not null	Connectivity options for the headset.
7	weight	CharField (255)	Not null	Weight of the headset.
8	charging	CharField (255)	Not null	Charging specifications for the headset.
9	working	CharField (255)	Not null	Working conditions and features of the headset.

tbl_speaker

Primary key: id

Foreign key: product references tbl_products

No	Field Name	Data Type (Size)	Key Constraint	Description
1	id	AutoField (primary key)	Primary Key	Unique identifier for the speaker product.
2	prid	ForeignKey (Product)	Foreign Key	Parent product associated with the speaker.
3	battery	CharField (255)	Not null	Battery specifications for the speaker.
4	s_connectivity	CharField (255)	Not null	Connectivity options for the speaker.
5	s_type	CharField (255)	Not null	Type or category of the speaker.
6	special_features	CharField (255)	Not null	Special features of the speaker.
7	weight	CharField (255)	Not null	Weight of the speaker.
8	charging	CharField (255)	Not null	Charging specifications for the speaker.

No	Field Name	Data Type (Size)	Key Constraint	Description
9	working	CharField (255)	Not null	Working conditions and features of the speaker.

tbl_Cart

Primary key: id

Foreign key: prid references tbl_products, user references tbl_login

No	Field Name	Data Type (Size)	Key Constraint	Description
1	id	AutoField (primary key)	Primary Key	Unique identifier for a cart item.
2	uid	ForeignKey (CustomUser)	Foreign Key	User who owns the cart item.
3	product	ForeignKey (Product)	Foreign Key	Product added to the cart.
4	cartstock	PositiveIntegerField	Not null	Stock quantity of the product in the cart.
5	quantity	IntegerField	Not null	Quantity of the product in the cart.
6	price	IntegerField	Not null	Price of the product in the cart.

Tbl_Order

Primary key: id

Foreign key: uid references tbl_login

No	Field Name	Data Type (Size)	Key Constraint	Description
1	id	AutoField (primary key)	Primary Key	Unique identifier for an order.
2	uid	ForeignKey (CustomUser)	Foreign Key	User who placed the order.
3	razorpay_order_id	CharField (max_length=255)	Not null	Identifier for the Razorpay order.
4	amount	DecimalField (max_digits=10, decimal_places=2)	Not null	Total order amount.
5	currency	CharField (max_length=3)	Not null	Currency in which the order was placed.
6	payment_status	CharField (max_length=20)	Not null	Payment status with choices (Pending, Successful, Failed).
7	timestamp	DateTimeField (auto_now_add=True)	Not null	Timestamp of when the order was created.
8	items	ManyToManyField (Product)	Not null	Products included in the order.

Tbl_Delivery

Primary_key: id

Foreign_key: uid references tbl_login

No	Field Name	Data Type (Size)	Key Constraint	Description
1	id	AutoField (primary key)	Primary Key	Unique identifier for an delivery.
2	uid	ForeignKey (CustomUser)	Foreign Key	User who placed the order.
3	License_number	CharField (max_length=255)	Not null	Identifier for the user.
4	Aadhar_number	CharField (max_length=255)	Not null	Identifier for the user.
5	Pan_number	CharField (max_length=255)	Not null	Identifier for the user.
6	Account_number	CharField (max_length=255)	Not null	Identifier for the user.
7	DL_number	CharField (max_length=255)	Not null	Identifier for the delivery agent
8	RC_number	CharField (max_length=255)	Not null	Identifier for the agent vehicle.