

# Table Design

## ***PHONE4U***

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Table 1 :- **ams\_tbl\_role**

This table is used to list the roles of the user

Primary key :- **role\_id**

Field Name	Datatype	Size	Description
role_id	Integer	10	Id of the role name
role_name	Varchar	20	Name of the role
status	integer	5	Is it active or not

Table 2 :- **ams\_tbl\_login**

This table is used to keep login details

Primary key :- **user\_id**

Foreign key :- **role\_id** references from **ams\_tbl\_role(role\_id)**.

Field Name	Datatype	Size	Description
login_id	Integer	50	login_id of the user
username	varchar	50	Username of the user
password	Varchar	50	Password of the user
status	Integer	10	Status of the user
role_id	Integer	10	Role id of the user

Table 3 :- **ams\_tbl\_district**

This table is used to keep district details

Primary key :- **dist\_id**

Field Name	Datatype	Size	Description
dist_id	Integer	10	Id of the district
dist_name	Varchar	30	Name of the district
status	integer	5	Is it active or not

Table 4 :- **ams\_tbl\_user**

This table is used to keep user details

Primary key :- **u\_id**

Foreign key :- **email\_id** references from **ams\_tbl\_login(login\_id)**, **district\_id** references from **ams\_tbl\_district(dist\_id)**.

Field Name	Datatype	Size	Description
u_id	Integer	10	Id of the user
first_name	Varchar	20	First name of the user
Last_name	Varchar	20	Last name of the user
email_id	Varchar	50	Email id of the user
phone_no	Varchar	10	Phone number of the user
house_name	Varchar	30	House name of the user
street	Varchar	30	Street name of the user
district_id	Integer	10	District id of the user
pincode	Varchar	6	Pincode of the location

Table 5 :- **ams\_tbl\_company**

This table is used to keep company details

Primary key :- **c\_id**

Foreign key :- **email\_id** references from **ams\_tbl\_login(login\_id)**.

Field Name	Datatype	Size	Description
c_id	Integer	10	Id of the company
company_name	Varchar	30	Name of the company
email_id	Varchar	50	Email id of the company
emblem	Varchar	50	Emblem of the company
licence_no	Varchar	15	Licence number of the user
phone_no	Varchar	10	Phone number of the company
owner_fname	varchar	50	firstname of the company owner
owner_sname	varchar	50	secondname of the company owner
owner_emailid	varchar	50	emailid of the company owner
owner_phoneno	varchar	50	Phone number of the company owner

Table 6 :- **ams\_tbl\_mobile**

This table is used to keep mobile details

Primary key :- **mob\_id**

Foreign key :- **com\_id** references from **ams\_tbl\_company(c\_id)**.

Field Name	Datatype	Size	Description
mob_id	Integer	10	Id of the mobile
mob_name	Varchar	30	name of the mobile
com_id	Integer	10	Id of the company
picture	Varchar	50	Picture of the mobile
price	Bigint	20	Price for each phone
quantity	Integer	10	No of mobiles added
description	Varchar	70	Description about the phone
date	Date		Date of added
added_by	Varchar	50	Added by who
rating	Float	10	Rating of the mobile

Table 7 :- **ams\_tbl\_mobpic**

This table is used to keep pictures of the mobiles.

Primary key:- **pic\_id**

Foreign key:- **mob\_id** references from **ams\_tbl\_mobile(mob\_id)**

Field Name	Datatype	Size	Description
pic_id	Integer	10	Id of the picture
mob_id	Integer	10	Id of the mobile
picture	Varchar	50	Path of picture

Table 8 :- **ams\_tbl\_cart**

This table is used to keep cart details of the user.

Primay key :- **cart\_id**

Foreign key :- **user\_id** references from **ams\_tbl\_login(user\_id)**, **mob\_id** references from **ams\_tbl\_mobile(mob\_id)**

Field Name	Datatype	Size	Description
cart_id	Integer	10	Id for the cart
user_id	Varchar	50	Id of the user
mob_id	Integer	10	Id of the mobile phone added
Quantity	Integer	10	Quantity that is to be added
Total	Bigint	20	Total price

Table 9 :- **ams\_tbl\_account**

This table is used to keep account details of the user.

Primary key :- **acc\_id**

Foreign key :- **user\_id** references **ams\_tbl\_user (user\_id)**.

Field Name	Datatype	Size	Description
acc_id	Int	10	Id of the account
user_id	Int	10	Id of the user
card_no	Bigint	20	Card number
expiry_date	Timestamp		Expiry date of card
cvv	Varchar	30	cvv no of the card
balance	Bigint	50	Balance on the card
Card_type	Varchar	50	Type of card

Table 10 :- **ams\_tbl\_purchase**

This table is used to keep purchase details of the user.

Primary key :- **pur\_id**

Foreign key :- **acc\_id** references **ams\_tbl\_account (acc\_id)**.

Field Name	Datatype	Size	Description
pur_id	Int	10	Id of the purchase
acc_id	Int	10	Id of the user
cart_id	Bigint	20	Cart_id
date	Date		Date of purchase
feedback	Varchar	30	Feedback of the purchase
status	Varchar	20	Status of the purchase

Table 11 :- **ams\_tbl\_specification**

This table is used to keep mobile specifications.

Primary key :- **spec\_id**

Foreign key :- **mob\_id** references **ams\_tbl\_mobile (mob\_id)**.

Field Name	Datatype	Size	Description
spec_id	Int	10	Id of the specification
mob_id	Int	10	Id of the mobile
Display	varchar	50	Display size
processor	varchar	50	Processor type
Front_camera	varchar	50	Front camera capacity
resolution	varchar	50	Resolution
Ram	varchar	50	RAM capacity
Os	varchar	50	Operating system used
Storage	varchar	50	Storage capacity
rear_camera	varchar	50	Rear camera capacity
battery_capacity	varchar	50	Battery capacity

Table 12 :- **ams\_tbl\_search**

This table is used to keep search details of the user.

Primary key :- **search\_id**

Foreign key :- **user\_id** references **ams\_tbl\_user (user\_id)**.

Field Name	Datatype	Size	Description
search_id	Int	10	Id of the search
user_id	Int	10	Id of the user
date	Timestamp		Date of search
content	varchar	100	Content of search