

SECURITY CAB

Table Design

Table 1: login

Description: Table for storing login details.

Primary Key: l_id

Foreign Key: r_id

Field Name	Data Type	Size	Constraints	Description
<u>l_id</u>	int	5	Primary Key	Login id
r_id	int	1	Foreign Key	Role id
uname	varchar	10	NOT NULL	User name
pswd	varchar	16	NOT NULL	Password

Table 2: sec_reg

Description: Table for storing the details of security officers.

Primary Key: s_id

Foreign Key: l_id, d_id

Field Name	Data Type	Size	Constraints	Description
<u>s_id</u>	int	5	Primary Key	Security id
<u>l_id</u>	int	5	Foreign Key	Login id
sname	varchar	15	NOT NULL	Security name
gen	varchar	5	NOT NULL	Gender
ph	varchar	20	NOT NULL	Phone No.
mob	varchar	20	NOT NULL	Mobile No.
email	varchar	20	NOT NULL	E-mail id
addr	varchar	50	NOT NULL	Address
d_id	int	5	Foreign Key	District id
photo	varchar	50	NOT NULL	Profile photo
status	int	1	NOT NULL	Status

Table 3: usr_reg

Description: Table for storing the details of registered users.

Primary Key: u_id

Foreign Key: l_id, d_id

Field Name	Data Type	Size	Constraints	Description
<u>u_id</u>	int	5	Primary Key	User id
<u>l_id</u>	int	5	Foreign Key	Login id
uname	varchar	15	NOT NULL	User name
gen	varchar	5	NOT NULL	Gender
ph	varchar	20	NOT NULL	Phone No.
email	varchar	20	NOT NULL	E-mail id
addr	varchar	50	NOT NULL	Address
d_id	int	5	Foreign Key	District id
novh	int	5	NOT NULL	No. of vehicles owned
photo	varchar	50	NOT NULL	Profile photo
status	int	1	NOT NULL	Status of user

Table 4: vh_details

Description: Table for storing the details of vehicles.

Primary Key: vh_id

Foreign Key: l_id

Field Name	Data Type	Size	Constraints	Description
<u>vh_id</u>	int	5	Primary Key	Vehicle id
<u>l_id</u>	int	5	Foreign Key	Login id
vhno	varchar	15	NOT NULL	Vehicle number
vhtype	varchar	15	NOT NULL	Vehicle type(2 wheeler or 4 wheeler)

Table 5: vh_log

Description: Table for log details of registered vehicles.

Primary Key: lg_id

Foreign Key: vh_id

Field Name	Data Type	Size	Constraints	Description
<u>lg_id</u>	int	5	Primary Key	Log id
<u>vh_id</u>	int	5	Foreign Key	Vehicle id
ety_time	varchar	15	NOT NULL	Entry date and time of vehicles
ext_time	varchar	15	NOT NULL	Exit date and time of vehicles
status	int	1	NOT NULL	Status of vehicle

Table 6: vis_details

Description: Table for storing visitors' details.

Primary Key: v_id

Field Name	Data Type	Size	Constraints	Description
<u>v_id</u>	int	5	Primary Key	Visitors id
v_name	varchar	5	NOT NULL	Visitors name
ph	varchar	20	NOT NULL	Phone No.
addr	varchar	50	NOT NULL	Address
vvhno	varchar	15	NOT NULL	Vehicle number
vety_time	varchar	15	NOT NULL	Entry date and time of vehicles
vext_time	varchar	15	NOT NULL	Exit date and time of vehicles
purpose	varchar	50	NOT NULL	Purpose of visit

Table 7: role

Description: Table for storing role of user.

Primary Key: r_id

Field Name	Data Type	Size	Constraints	Description
<u>r_id</u>	int	5	Primary Key	Role id
r_name	varchar	15	NOT NULL	Role name

Table 8: state

Description: Table for storing states.

Primary Key: s_id

Field Name	Data Type	Size	Constraints	Description
<u>s_id</u>	int	5	Primary Key	State id
s_name	varchar	15	NOT NULL	State name

Table 9: district

Description: Table for storing districts.

Primary Key: d_id

Foreign Key: s_id

Field Name	Data Type	Size	Constraints	Description
<u>d_id</u>	int	5	Primary Key	District id
s_id	int	5	Foreign Key	State id
d_name	varchar	15	NOT NULL	District name