TABLE DESIGN

Topic: Regional Transport Authority System

Submitted By,

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S3 -RMCA B

Roll No: 35

TABLE DESIGN

Name: tbl_login

Description: store the login details

Sr.no	Field	Datatype	Constrain	Size	Description
1	login_id	int	PK		Login id
2	u_id	int	FK		User type id
3	username	Varchar	Not null	50	Username of the user
4	password	Varchar	Not null	50	Password of the user

Name: tbl_usertype

Description: stores the type of the user

Sr.no	Field	Datatype	Constrain	Size	Description
1	u_id	int	PK		User type id
2	usertype	Varchar	Not null	50	Usertype of the user
3	userstatus	Varchar	Not null	50	User status

Name: tbl_register

Description: stores the registration details

Sr.no	Field	Datatype	Constrain	Size	Description
1	reg_id	int	PK		Registration id
2	login_id	int	FK		Login id

3	Fname	Varchar	Not null	50	First name of the user
4	Lname	Varchar	Not null	50	Last name of the user
5	Gender	Varchar	Not null	10	Gender
6	Email	Varchar	Not null	50	Email id
7	Paddress	Varchar	Not null	100	Permanent address of the user
8	Caddress	Varchar	Not null	100	Communication address of the user
9	Phone_no	Varchar	Not null	10	phone number
10	Institution Name	Varchar	Not null	50	Name of the institution
11	Institution Address	Varchar	Not null	100	Permanent address of the institution

Name: tbl_test

Description: keeps information about the RTO test

Sr.no	Field	Data type	Constrain	Size	Description
1	Q_id	Int	PK		Question id
2	Q_name	Varchar	Not null	25	Question name
3	Option	Varchar	Not null	25	Option
4	answer	Varchar	Not null	25	Answer of the question
5	zone_id	int	FK		Zone id

Name: tbl_result

Description: stores information about the RTO result

Sr.no	Field	Data type	Constrain	Size	Description
1	reg_id	Int	PK		result id
2	Login_id	int	FK	25	Question name
3	Date	Date	Not null	25	Date
4	result	Varchar	Not null	25	Pass/fail

Name: tbl_services

Description: keeps information about the services provided by the RTO

Sr.no	Field	Data type	Constrain	Size	Description
1	Service_id	Int	Not null	11	Service id
2	Service_name	Int	PK		name of the service
3	description	Varchar	Not null	25	Service description

Name: tbl_vreg

Description: keeps information about the registeration of the vehicle

Sr.no	Field	Data type	Constrain	Size	Description
1	Service_name	Int	FK		Name of the service
2	Vreg_id	int	PK	10	Vehicle registration id
3	Fname	Varchar	Not null	25	First name of the owner
4	Lname	Varchar	Not null	25	Last name of the owner

	5	Age	Int	Not null	12	Person to be registered as reg. owner
	6	Paddress	Varchar	Not null	100	Permanent address of the user
	7	Caddress	Varchar	Not null	100	Communication address of the user
	8	D_name	Varchar	Not null	25	Dealer name
	9	D_address	Varchar	Not null	50	Address of the Dealer
	10	V_type	Varchar	Not null	50	Vehicle type
	11	Fuel	Varchar	Not null	25	Fuel type
	12	Weight	Varchar	not null	25	Weight of the vehicle
	13	Seat_capacity	Varchar	Not null	25	Seating capacity
	14	Email	Varchar	Not null	25	Email of the user
	15	Phone_no	Varchar	Not null	10	Phone number
	16	Image	File	Not null		Image of the vehicle

Name: tbl_driving_license

Description: keeps information about the license owner

Sr.no	Field	Data type	Constrain	Size	Description
1	Service_name	Int	FK		Service name
2	D_id	Int	PK	10	Driving license id
3	reg_id	Int	FK		Registration id

4	Fname	Varchar	Not null	25	First name of the owner
5	Lname	Varchar	Not null	25	Last name of the owner
6	Age	Int	Not null	12	Person to be registered as reg. owner
7	Paddress	Varchar	Not null	100	Permanent address of the user
8	Caddress	Varchar	Not null	100	Communication address of the user
9	Email	Varchar	Not null	25	Email of the user
10	Phone_no	Varchar	Not null	50	Phone number
11	Gender	Varchar	Not null	50	Gender
12	type	Varchar	Not null	25	Driving license type
13	Date_of_issue	Date	not null	25	Date of issue
14	expdate	date	Not null	25	Expiry date
15	Blood	Varchar	Not null	10	Blood group

Name: tbl_rcbook

Description: keeps information about the RC book

Sr.no	Field	Data type	Constrain	Size	Description
1	rc_id	Int	PK	10	RC book id
2	Service_name	Int	FK		Service name
3	vreg_id	int	FK		Vehicle registration id
4	Fname	Varchar	Not null	25	First name of the registered

					owner
5	Lname	Varchar	Not null	25	Last name of the registered owner
6	D_name	Varchar	Not null	25	Dealer name
7	Paddress	Varchar	Not null	100	Permanent address of the user
8	V_type	Varchar	Not null	25	Vehicle type
9	V_no	Varchar	Not null	10	Vehicle number
10	image	file	Not null		Vehicle image

Name: tbl_institution

Description: keeps information about the driving school/institution

Sr.no	Field	Data type	Constrain	Size	Description
1	Ins_id	Int	PK		Institution id
2	P_id	Int	FK		Payment id
3	Ins_name	Varchar	Not null	25	Institution name
4	paddress	Varchar	Not null	25	Institution permanent address

Name: tbl_ownership

Description: keeps information about the ownership transfer

Sr.no	Field	Data type	Constrain	Size	Description
1	O_id	Int	PK	10	Ownership_id

2	vreg_id	int	FK		Vehicle registration id
3	Serive_name	Int	FK		Service name
4	Fname	Varchar	Not null	25	First name of the registered owner
5	lname	Varchar	Not null	25	Last name of the registered owner
6	R_name	Varchar	Not null	25	Name of the recepient
7	R_address	Varchar	Not null	25	address of the recepient
8	V_type	Varchar	Not null	25	Vehicle type
9	V_name	Varchar	Not null	25	Vehicle name
10	V_no	Varchar	Not null	25	Vehicle number

Name: tbl_renewal

Description: keeps information about renewal of license

Sr.no	Field	Data type	Constrain	Size	Description
1	Renewal_id	int	PK	10	Renewal id
2	Service_name	int	FK		Name of the service
3	renewal_name	Varchar	Not null	25	Renewal name
4	Fname	Varchar	Not null	25	First name
5	Last name	Varchar	Not null	25	Last name
6	paddress	Varchar	Not null	50	Permanent address

Name: tbl_payment

Description: keeps information about payment

Sr.no	Field	Data type	Constrain	Size	Description
1	P_id	Int	PK		Payment id
2	Service_name		FK		Name of the service
3	Fname	varchar	10		First name
4	lname	varchar	10		Last name
5	Card_type	varchar	10		Card type

Name: tbl_documents

Description: keeps information about documents

Sr.no	Field	Data type	Constrain	Size	Description
1	Doc_id	Int	PK		Document id
2	Document_name	varchar	Not null	25	Document name
3	Doc_images	file	Not null		Document images
4	U_id	INT	FK		User id

Name: tbl_duplication

Description: keeps information about duplication of license

Sr.no	Field	Data type	Constrain	Size	Description
1	dup_id	Int	PK		Duplication id
2	Service_name	Int	FK		Service name
3	Fname	Varchar	Not null	25	First name
4	Last name	Varchar	Not null	25	Last name

| 5 | paddress | Varchar | Not null | 50 | Permanent address |

Name: tbl_zone

Description: keeps information about zone wise questions

Sr.no	Field	Data type	Constrain	Size	Description
1	zone_id	Int	PK		zone id
2	zone_name	Int	FK		Zone name