

Topic: Regional Transport Authority System

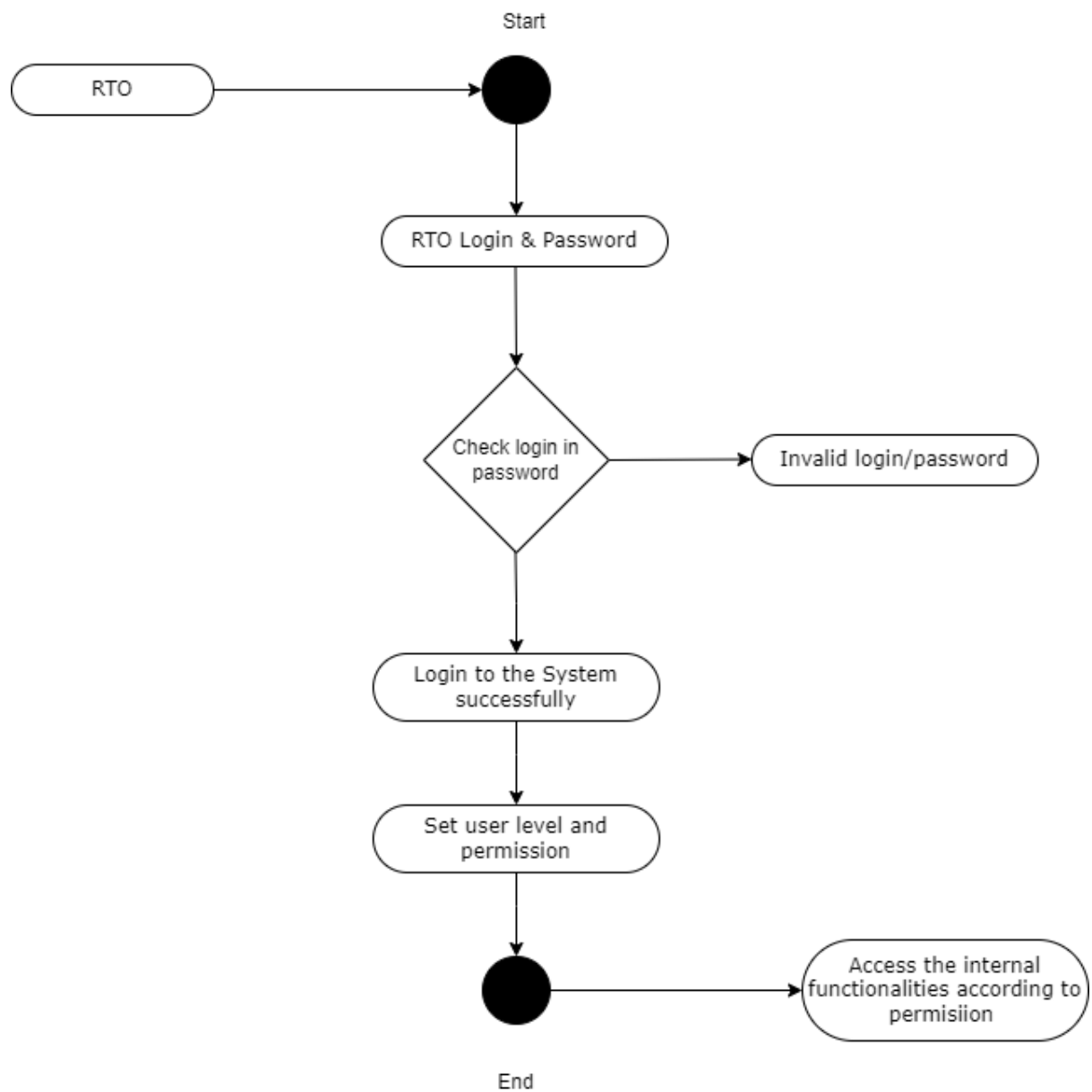
Submitted By,

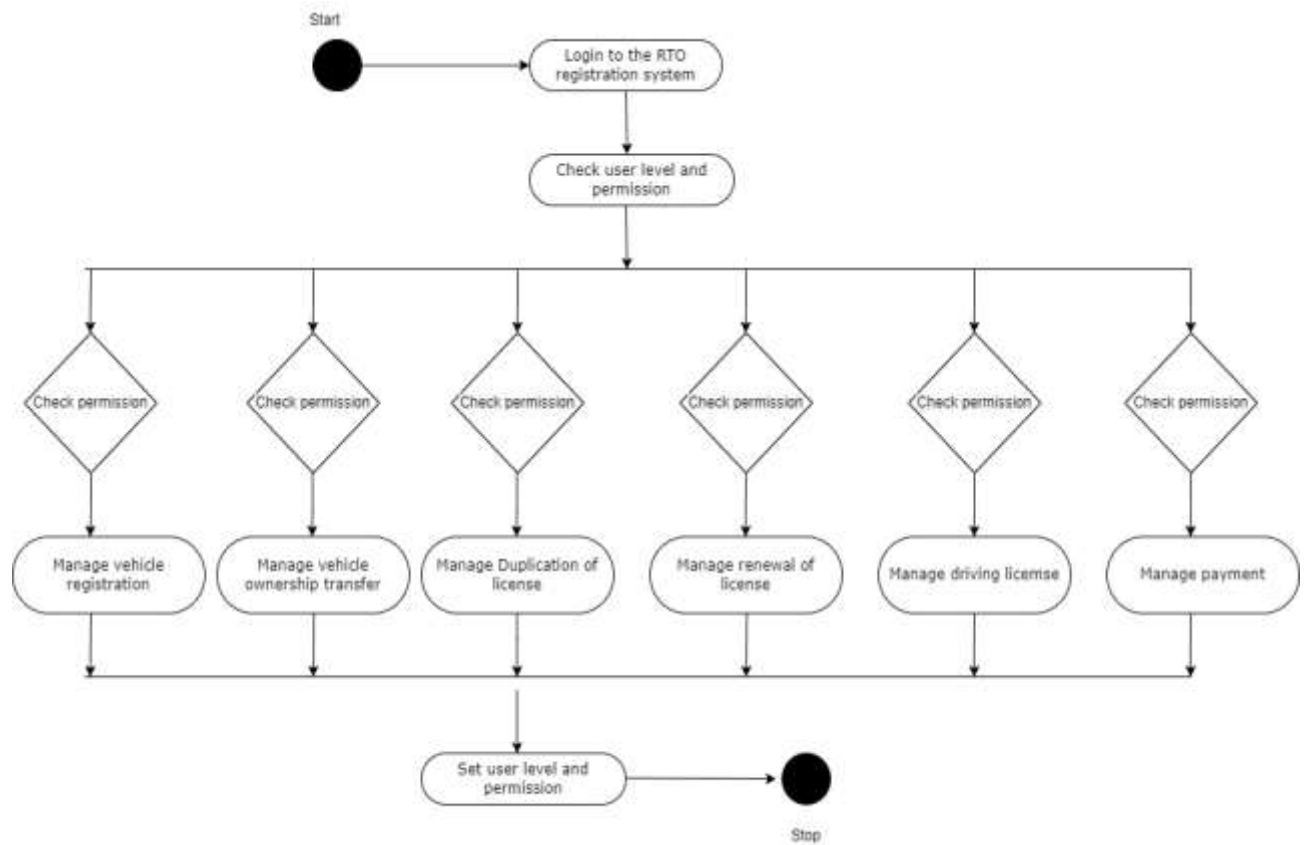
Teena Rose Mathew

S3 -RMCA B

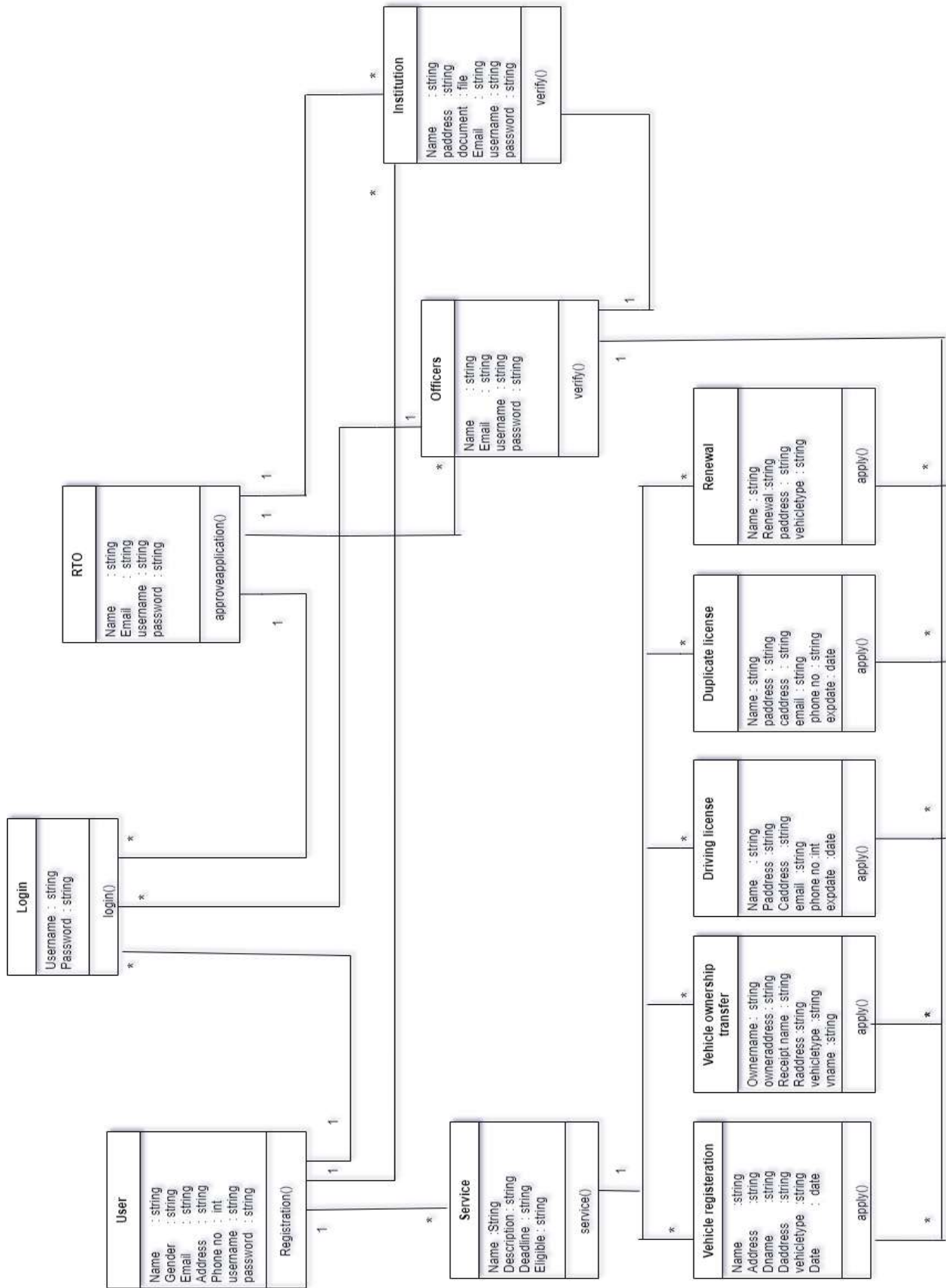
Roll No: 35

ACTIVITY DIAGRAM

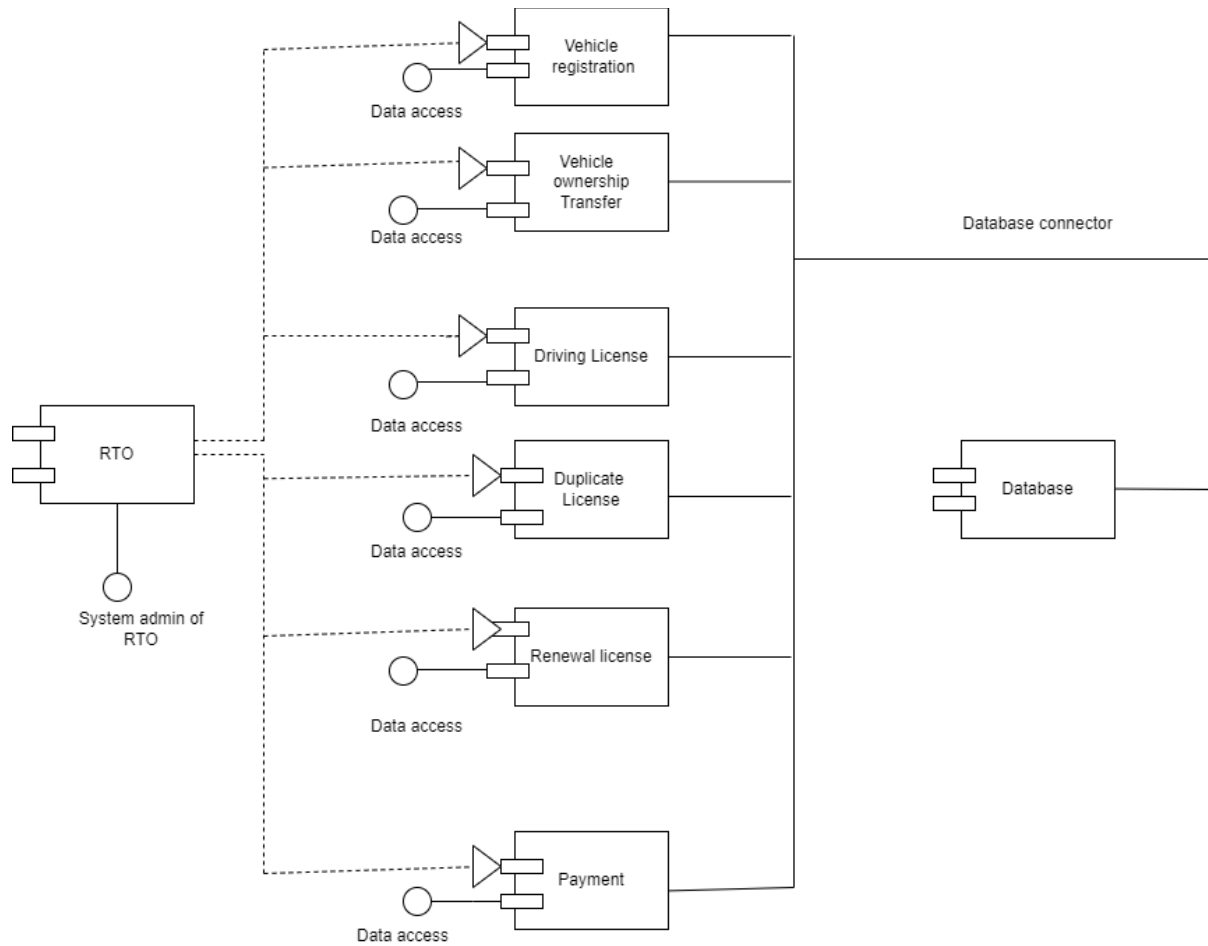




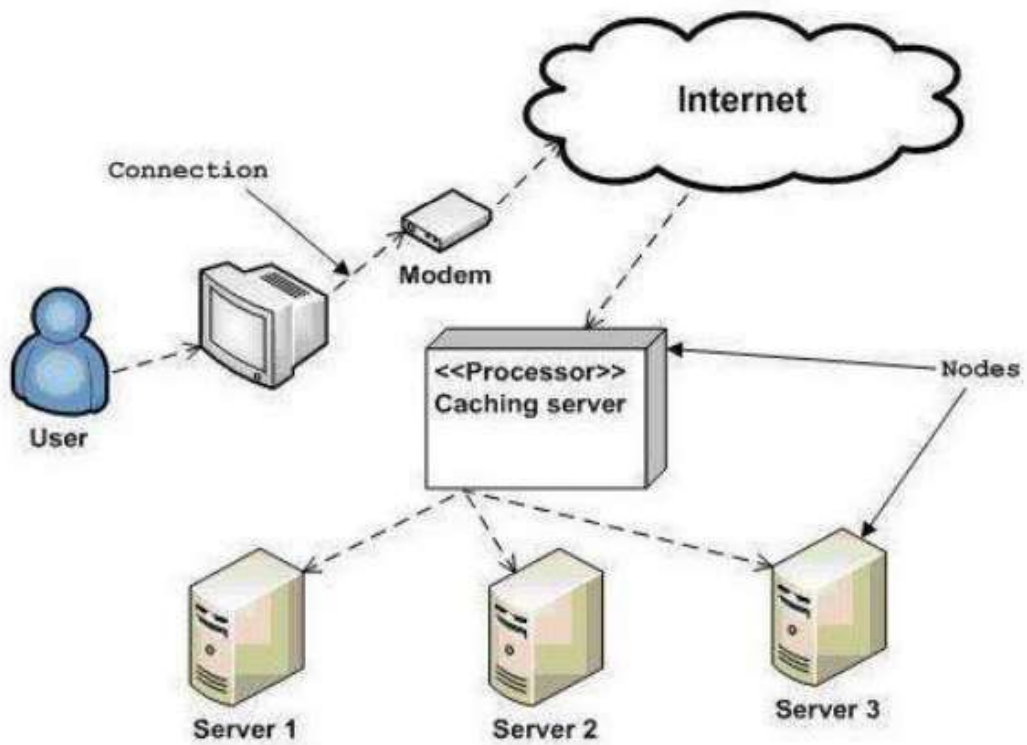
CLASS DIAGRAM



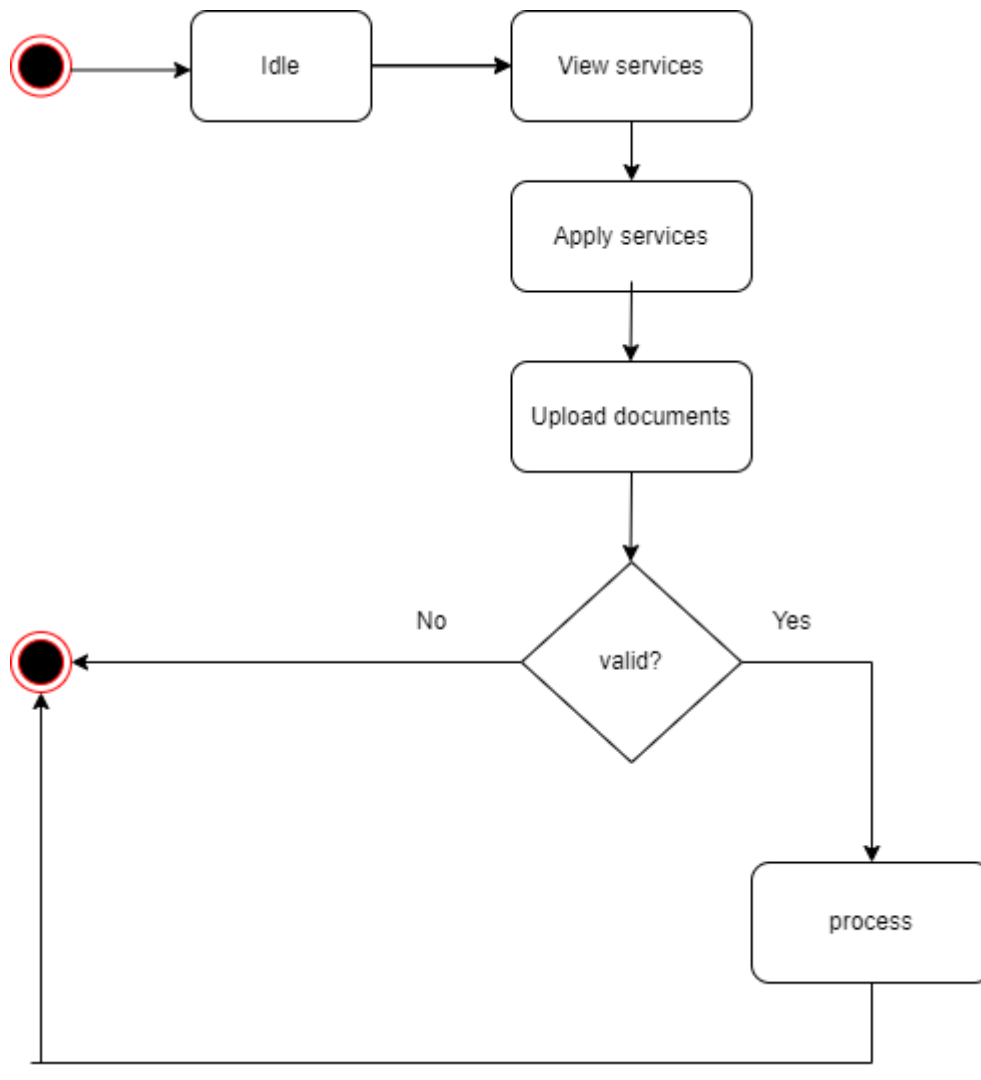
COMPONENT DIAGRAM



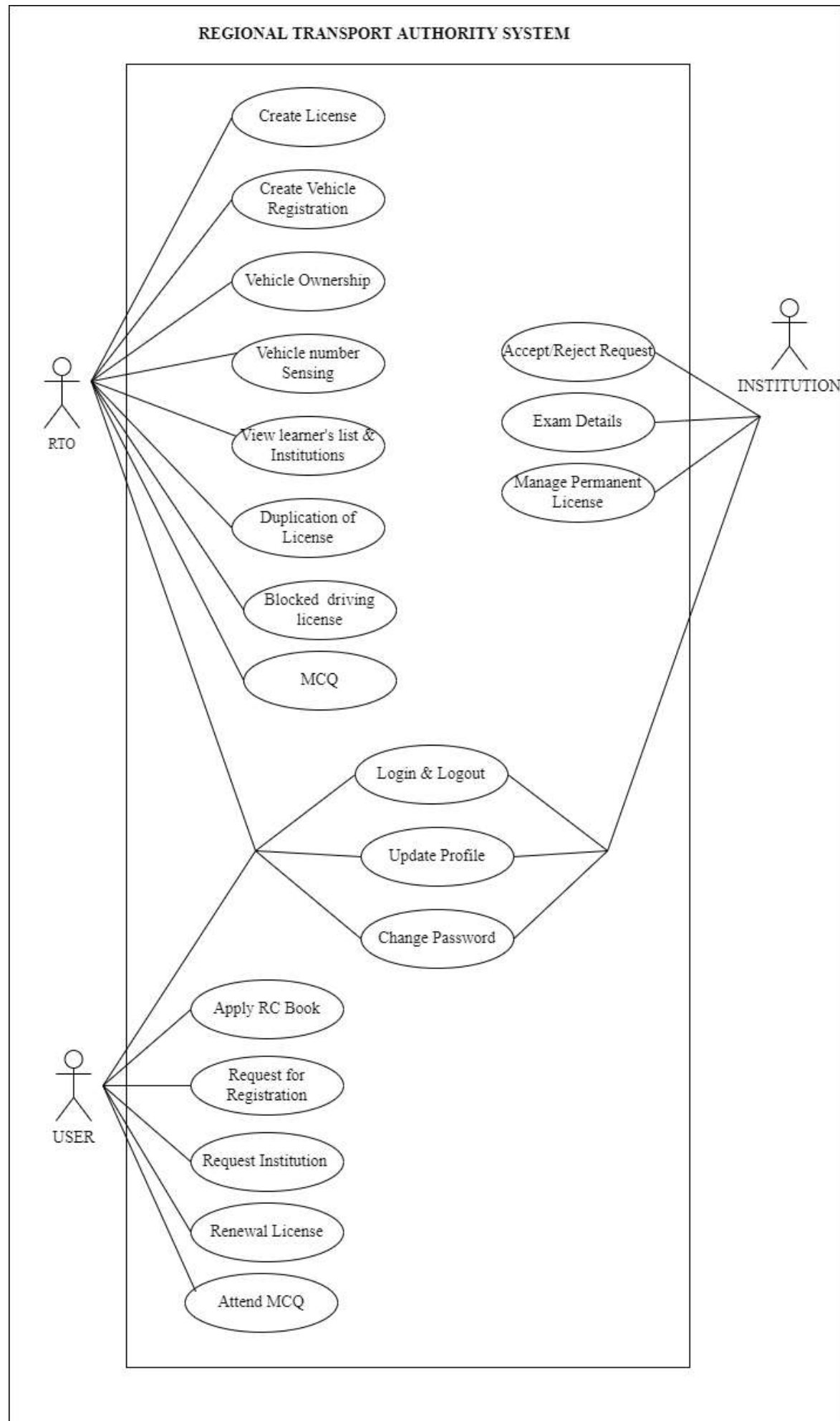
DEPLOYMENT DIAGRAM



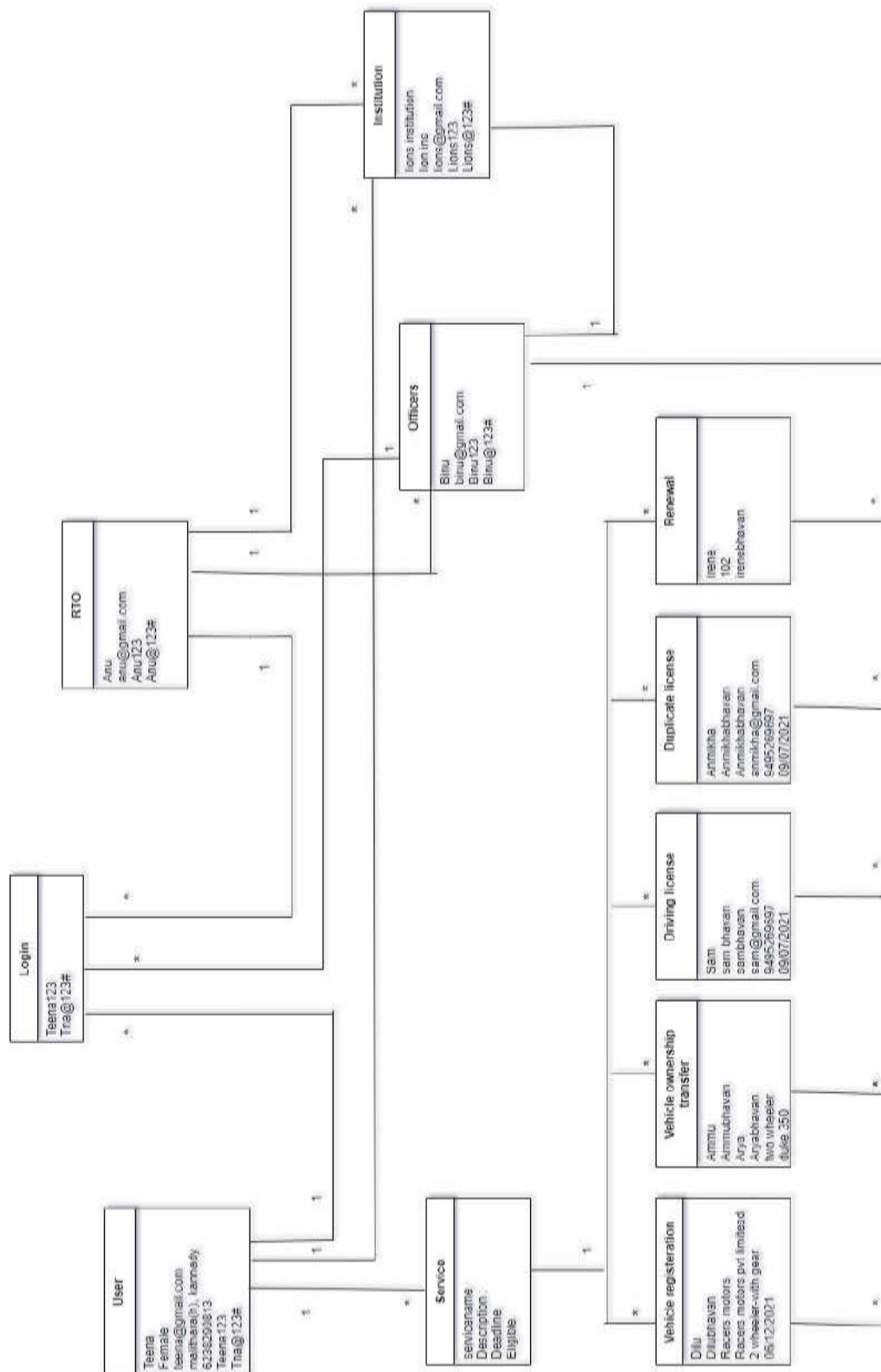
STATE CHART DIAGRAM



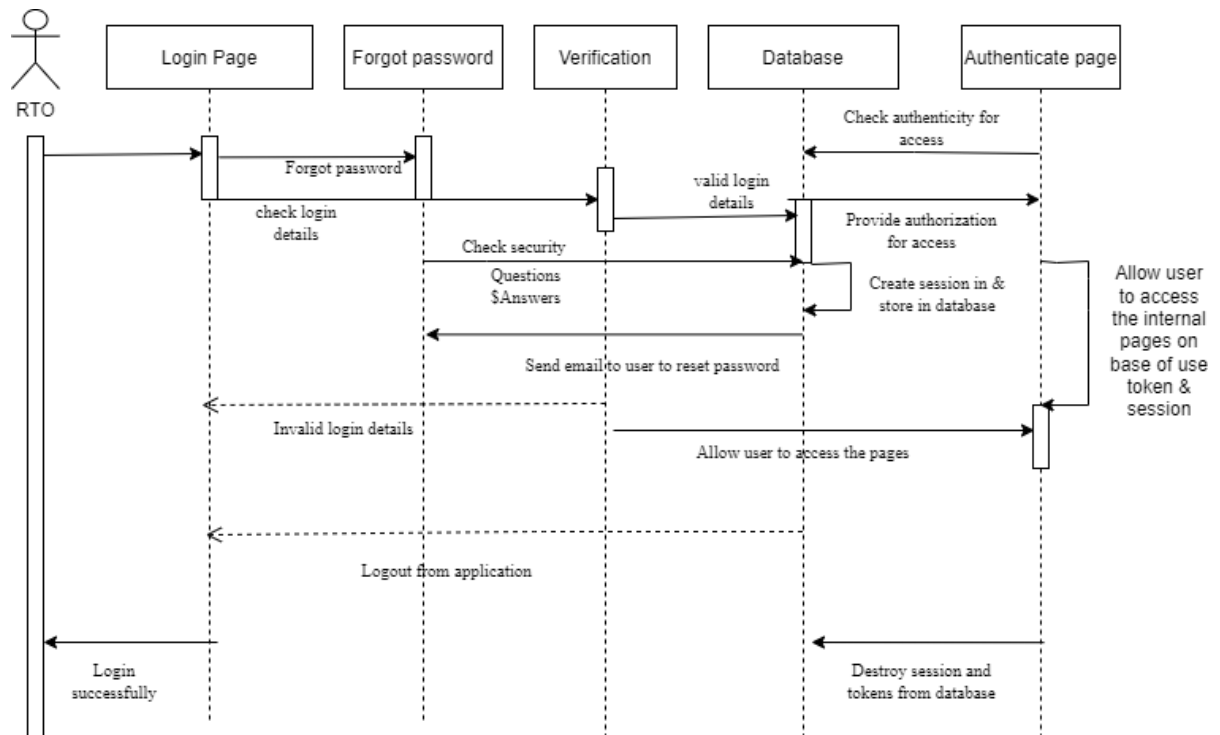
USECASE DIAGRAM



OBJECT DIAGRAM



SEQUENCE DIAGRAM



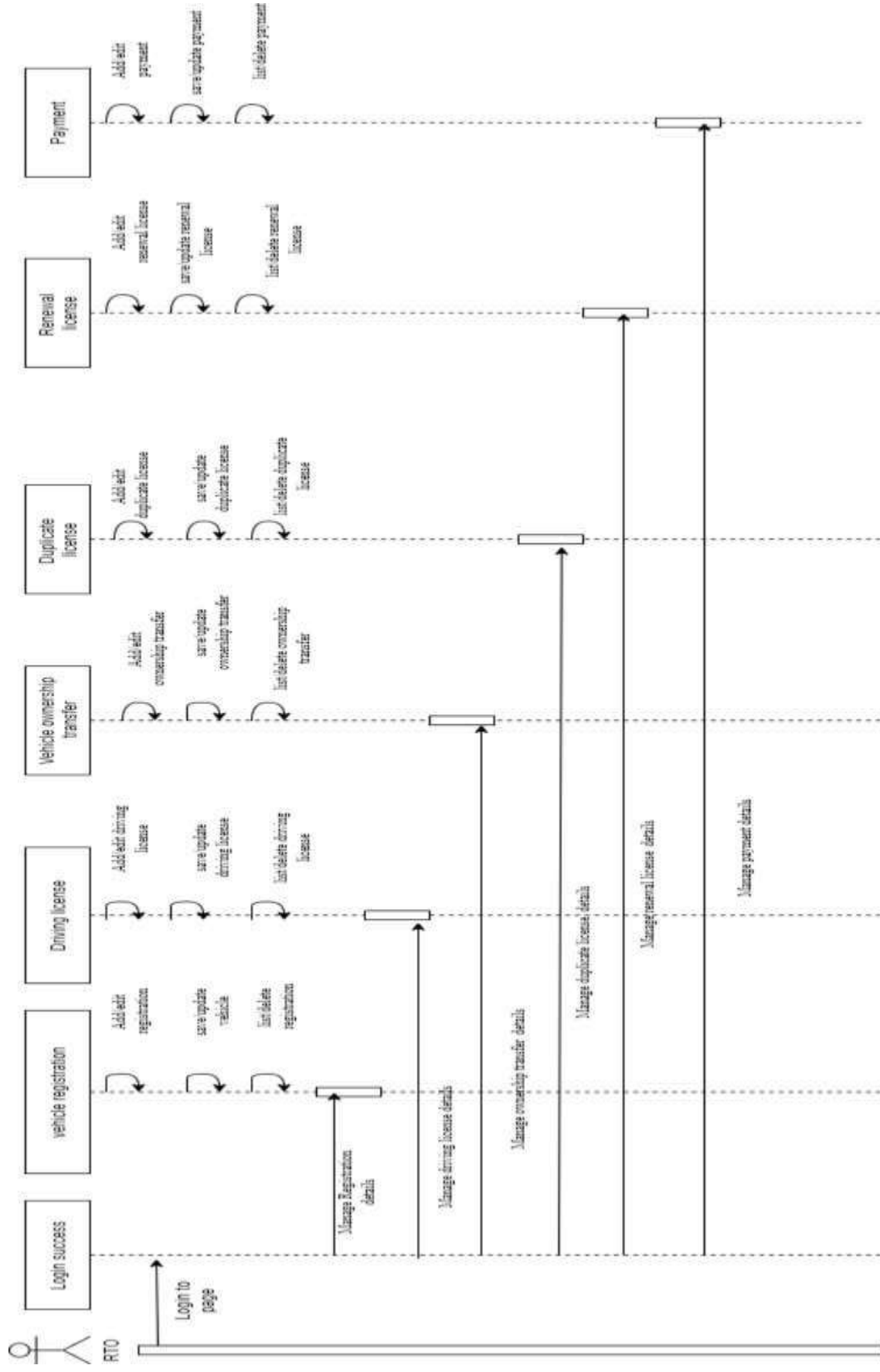


TABLE DESIGN

Name: tbl_login

Description: store the login details

Sr.no	Field	Datatype	Constrain	Size	Description
1	login_id	int	PK		Login id
2	username	Varchar	Not null	50	Username of the user
3	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

Name: tbl_result

Description: stores information about the RTO result

Sr.no	Field	Data type	Constrain	Size	Description
1	res_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_service

Description: keeps information about the services provided by the RTO

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

Name: tbl_vreg

Description: keeps information about the registration of the vehicle

Sr.no	Field	Data type	Constrain	Size	Description
1	Service_name	Int	PK		Name of the service
2	Fname	Varchar	Not null	25	First name of the owner
3	Lname	Varchar	Not null	25	Last name of the owner
4	Age	Int	Not null	12	Person to be registered as reg. owner
5	Paddress	Varchar	Not null	100	Permanent address of the user

6	Caddress	Varchar	Not null	100	Communication address of the user
7	D_name	Varchar	Not null	25	Dealer name
8	D_address	Varchar	Not null	50	Address of the Dealer
9	V_type	Varchar	Not null	50	Vehicle type
10	Fuel	Varchar	Not null	25	Fuel type
11	Weight	Varchar	not null	25	Weight of the vehicle
12	Seat_capacity	Varchar	Not null	25	Seating capacity
13	V_id	int	Not null	10	Vehicle id
14	Email	Varchar	Not null	25	Email of the user
15	Phone_no	Varchar	Not null	10	Phone number
16	Image	File			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	PK		Service name
2	D_id	Int	Not null	10	Driving license 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	Email	Varchar	Not null	25	Email of the user
9	Phone_no	Varchar	Not null	50	Phone number
10	Gender	Varchar	Not null	50	Gender
11	type	Varchar	Not null	25	Driving license type
12	Date_of_issue	Date	not null	25	Date of issue
13	expdate	date	Not null	25	Expiry date
14	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	Service_name	Int	PK		Service name
2	rc_id	Int	Not null	10	RC book id
3	Fname	Varchar	Not null	25	First name of the registered owner
4	Lname	Varchar	Not null	25	Last name of the registered owner
5	D_name	Varchar	Not null	25	Dealer name
6	Paddress	Varchar	Not null	100	Permanent address of the user
7	V_type	Varchar	Not null	25	Vehicle type

8	V_no	Varchar	Not null	10	Vehicle number
9	image	file			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	Not null	10	Ownership_id
2	Serve_name	Int	PK		Service name
3	Fname	Varchar	Not null	25	First name of the registered owner
4	lname	Varchar	Not null	25	Last name of the registered owner
5	R_name	Varchar	Not null	25	Name of the receipient

6	R_address	Varchar	Not null	25	address of the receipient
7	V_type	Varchar	Not null	25	Vehicle type
8	V_name	Varchar	Not null	25	Vehicle name
9	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	Not null	10	Renewal id
2	Service_name		PK		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	Not null		Payment id
2	Service_name		PK		Name of the service
3	Fname	varchar	10		First name
4	Iname	varchar	10		Last name
5	Card_type	varchar	10		Card type

Name: tbl_documents

Description: keeps information about documents

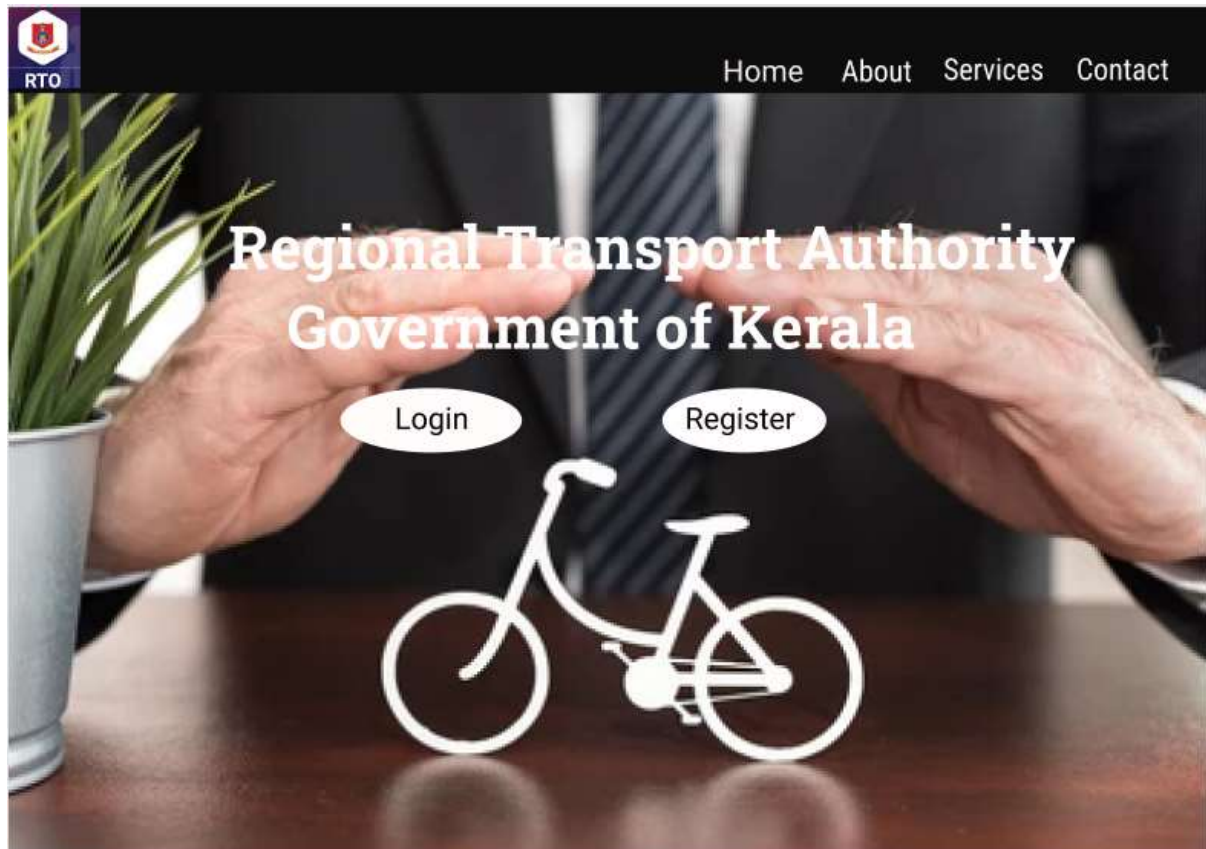
Sr.no	Field	Data type	Constrain	Size	Description
1	Doc_id	Int	PK		Document id
2	Document_name	varchar	Not null	25	Document name
3	Doc_images	file			Document images
4	U_id	INT	FK		User id

Name: tbl_duplication

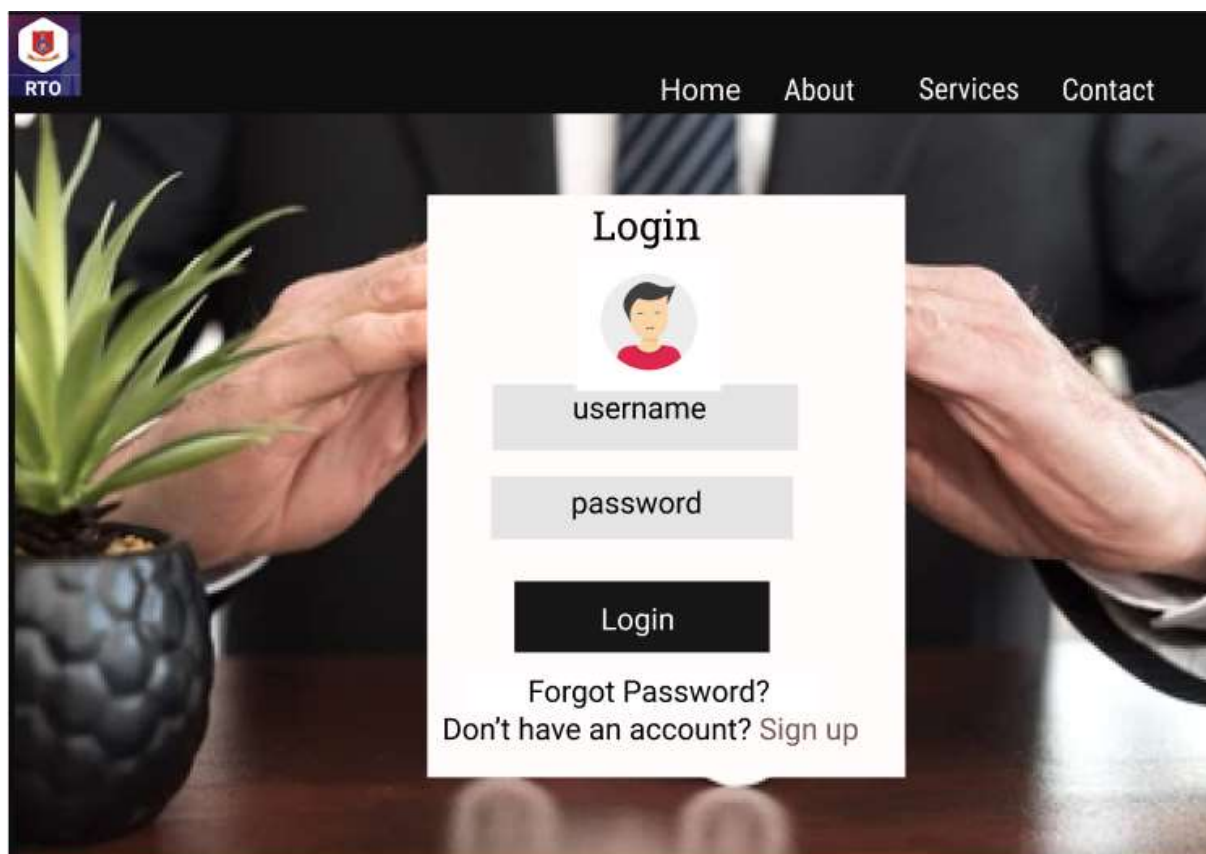
Description: keeps information about duplication of license

Sr.no	Field	Data type	Constrain	Size	Description
1	dup_id	Int	PK		Duplication id id
2	Service_name	Int	PK		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

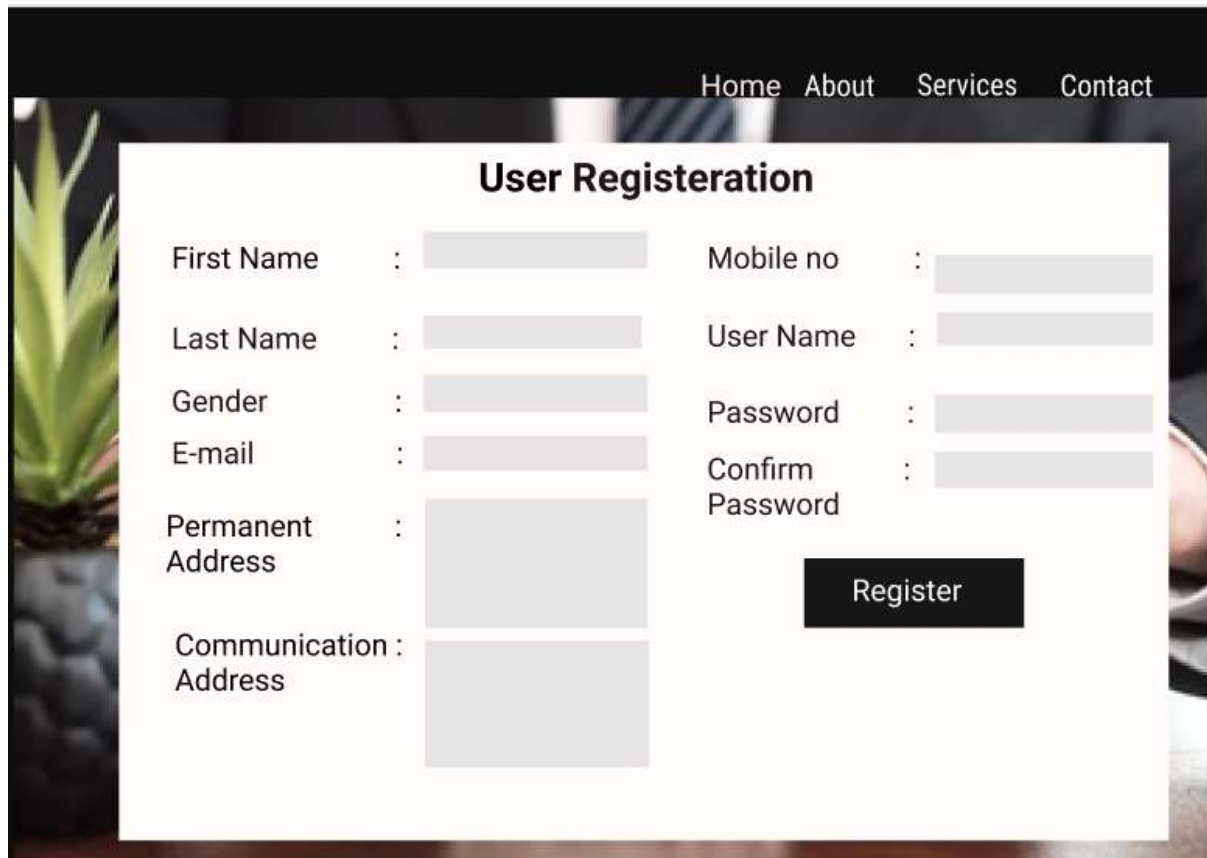
HOME PAGE



LOGIN PAGE



USER REGISTRATION PAGE



The image shows a web page for user registration. At the top, there is a navigation bar with links: Home, About, Services, and Contact. Below this, the main heading is "User Registration". The form contains several input fields: First Name, Last Name, Gender, E-mail, Permanent Address, Communication Address, Mobile no, User Name, Password, and Confirm Password. A "Register" button is located at the bottom right of the form. The background of the page features a blurred image of a person in a suit and a potted plant.

Home About Services Contact

User Registration

First Name : Mobile no :

Last Name : User Name :

Gender : Password :

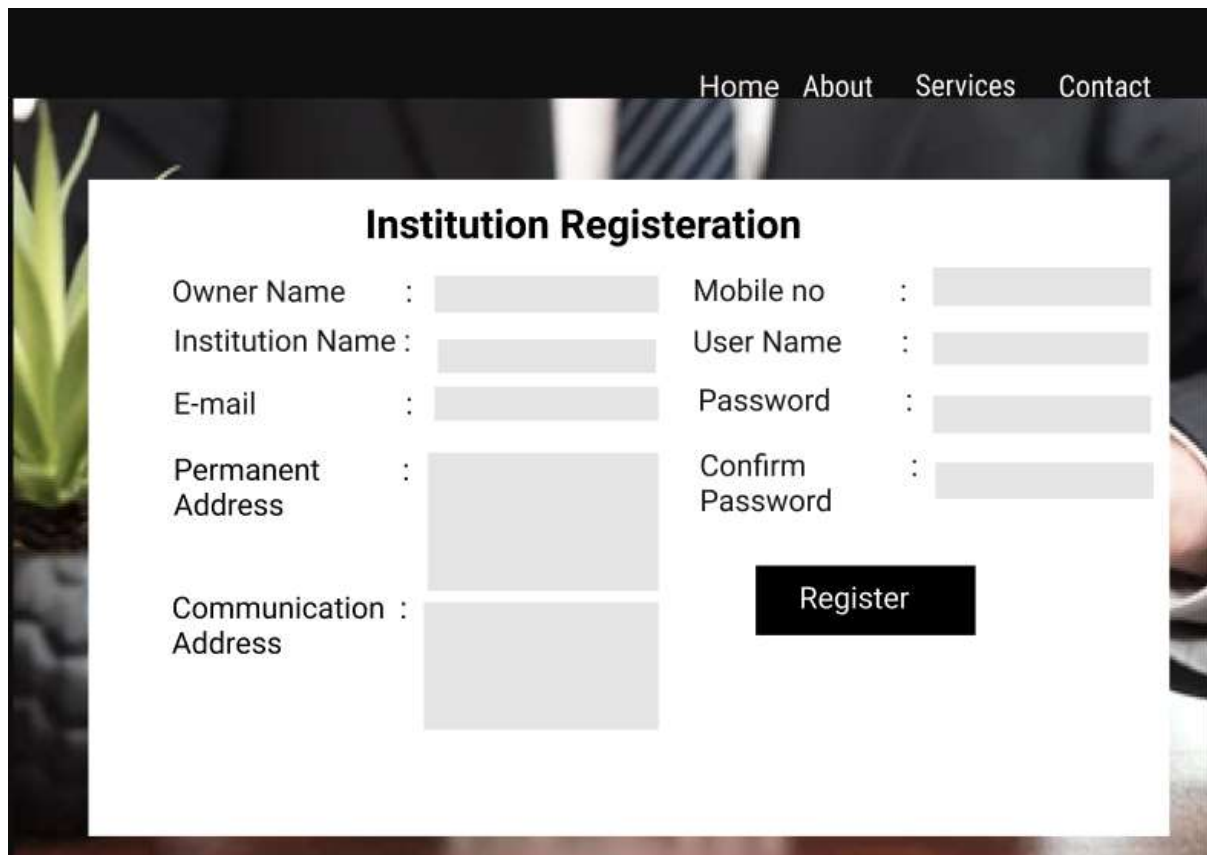
E-mail : Confirm Password :

Permanent Address :

Communication Address :

Register

INSTITUTION REGISTRATION PAGE



The image shows a web page for institution registration. At the top, there is a navigation bar with links: Home, About, Services, and Contact. Below this, the main heading is "Institution Registration". The form contains several input fields: Owner Name, Institution Name, E-mail, Permanent Address, Communication Address, Mobile no, User Name, Password, and Confirm Password. A "Register" button is located at the bottom right of the form. The background of the page features a blurred image of a person in a suit and a potted plant.

Home About Services Contact

Institution Registration

Owner Name : Mobile no :

Institution Name : User Name :

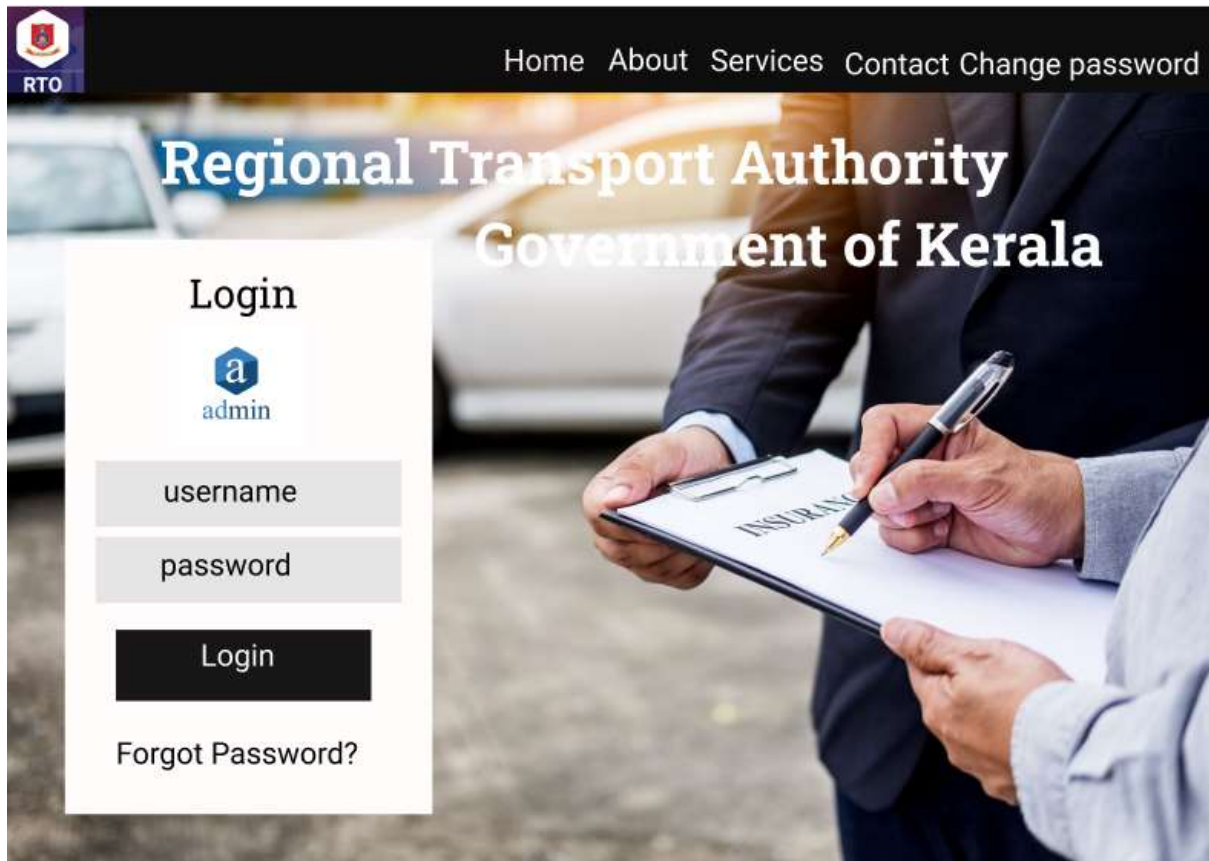
E-mail : Password :

Permanent Address : Confirm Password :

Communication Address :

Register

ADMIN HOMEPAGE


The image is a mockup of an admin homepage. It features a dark header with a logo on the left and navigation links on the right. The main content area has a background image of a person in a suit holding a clipboard. Overlaid on this is a white login box. The login box contains the title 'Login', a logo with the letter 'a' and the word 'admin', two input fields for 'username' and 'password', a 'Login' button, and a 'Forgot Password?' link.

RTO

[Home](#) [About](#) [Services](#) [Contact](#) [Change password](#)

Regional Transport Authority Government of Kerala

Login

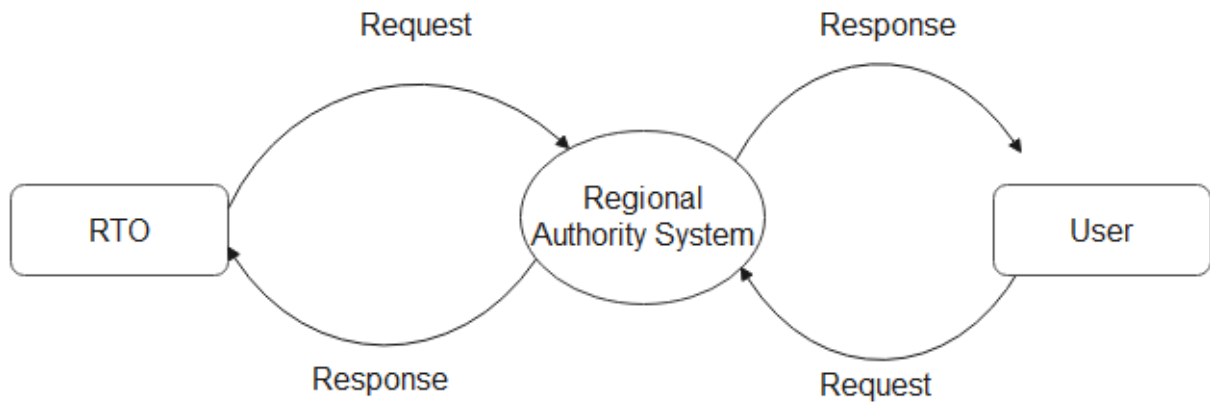


admin

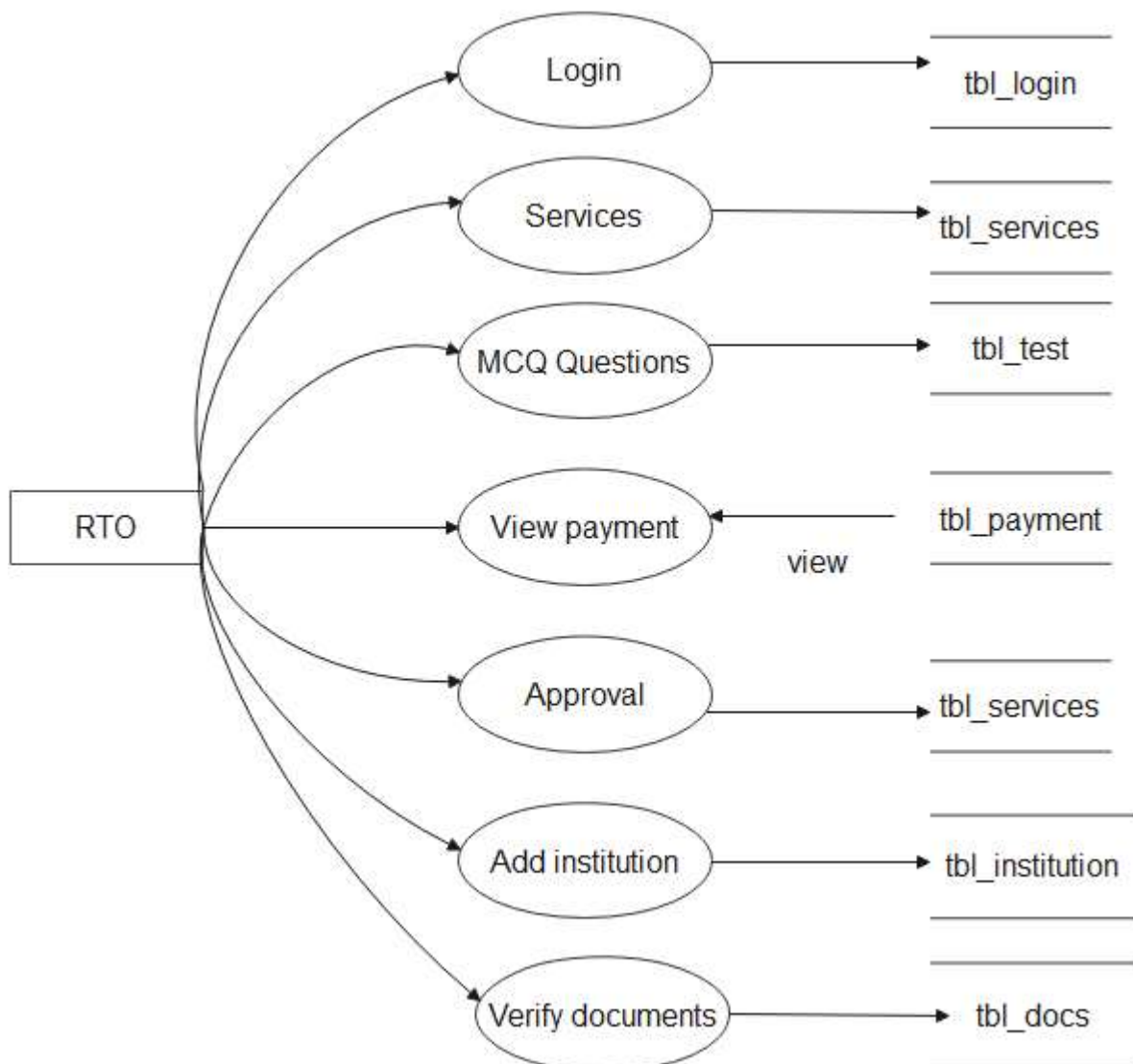
[Forgot Password?](#)

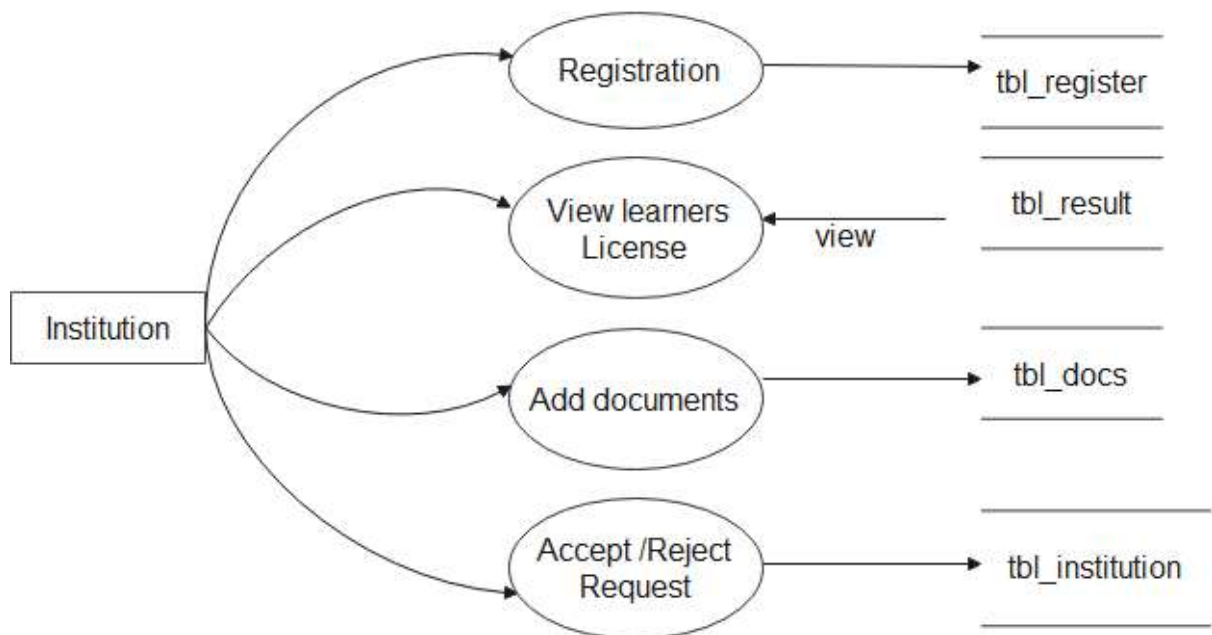
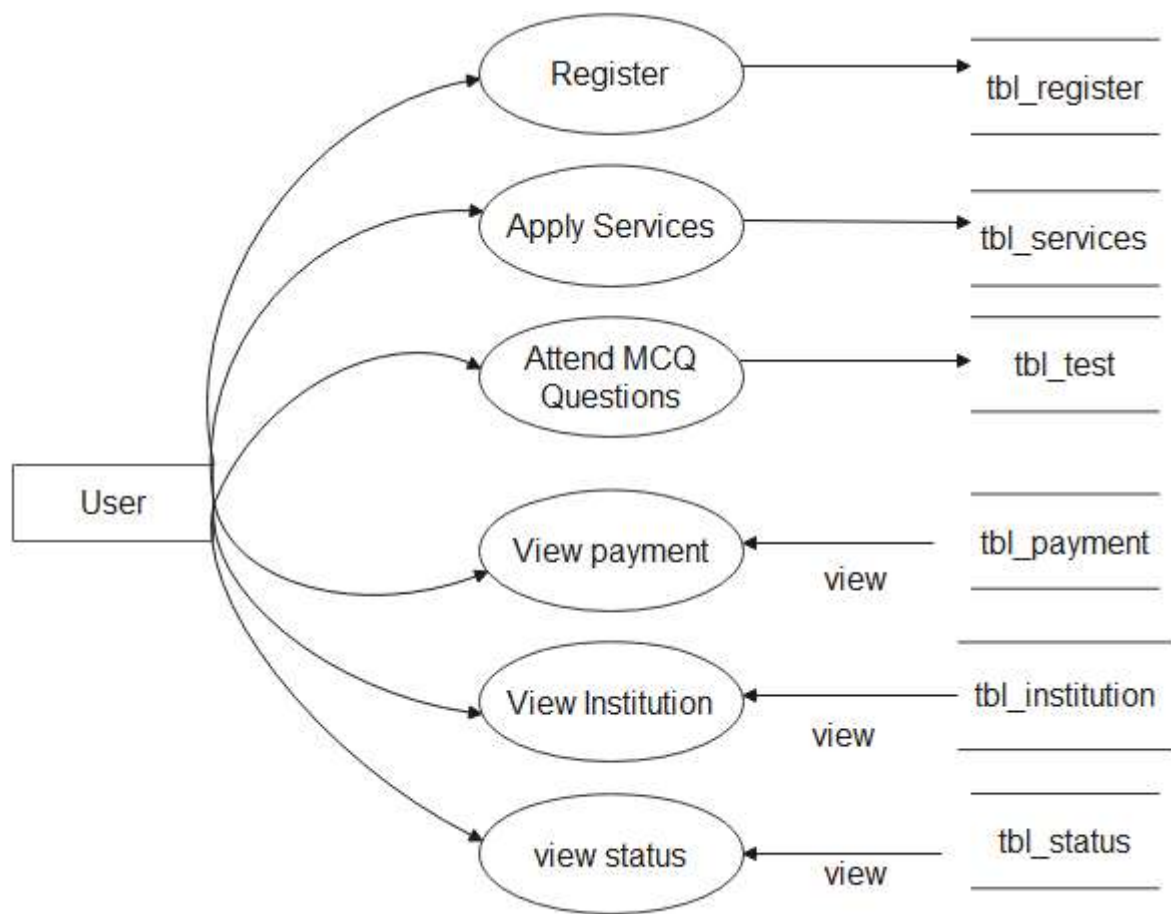
DFD-Data Flow Diagram

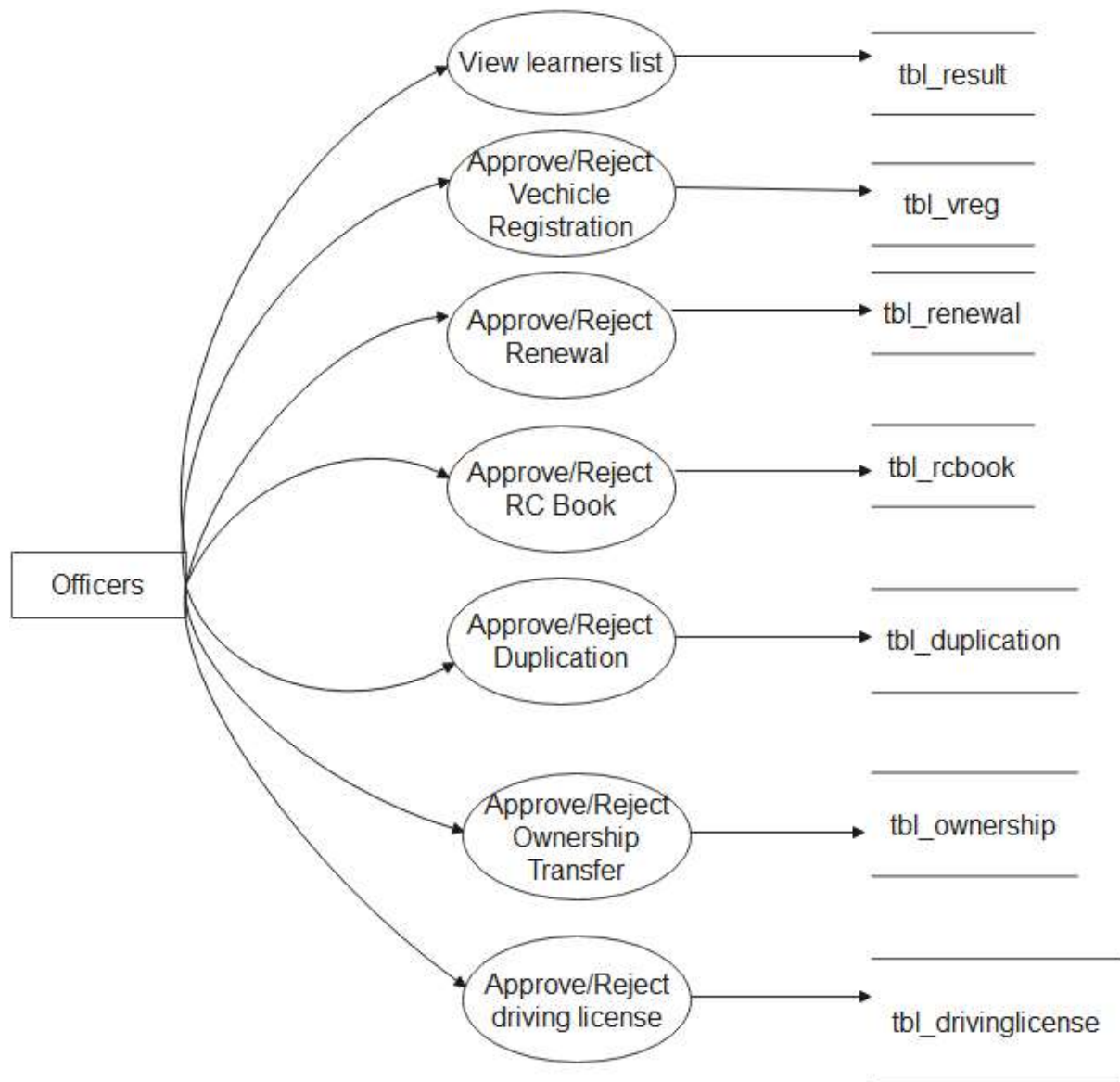
Level-0



Level-1







Level-1.2

