INSTITUTE FOR ADVANCED COMPUTING AND SOFTWARE DEVELOPMENT AKURDI, PUNE

Documentation On

"COURIER SERVICE MANAGMENT"
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ACKNOWLEDGEMENT

INTRODUCTION TO PROJECT

This Courier Service Management Project will have different modules. The login section will have login facility for the admin and for the user who will operate this system. While taking orders from its customers, it will take all the details of its customers who is placing the orders and all the details for the recipient such as its address, name, mobile number. During billing process system will generate a tracking id for their products. Through this tracking id, customers or its recipient will able to track their products from any location using internet.

2. REQUIREMENTS

2.1 FUNCTIONAL REQUIREMENTS

2.1   Admin Account
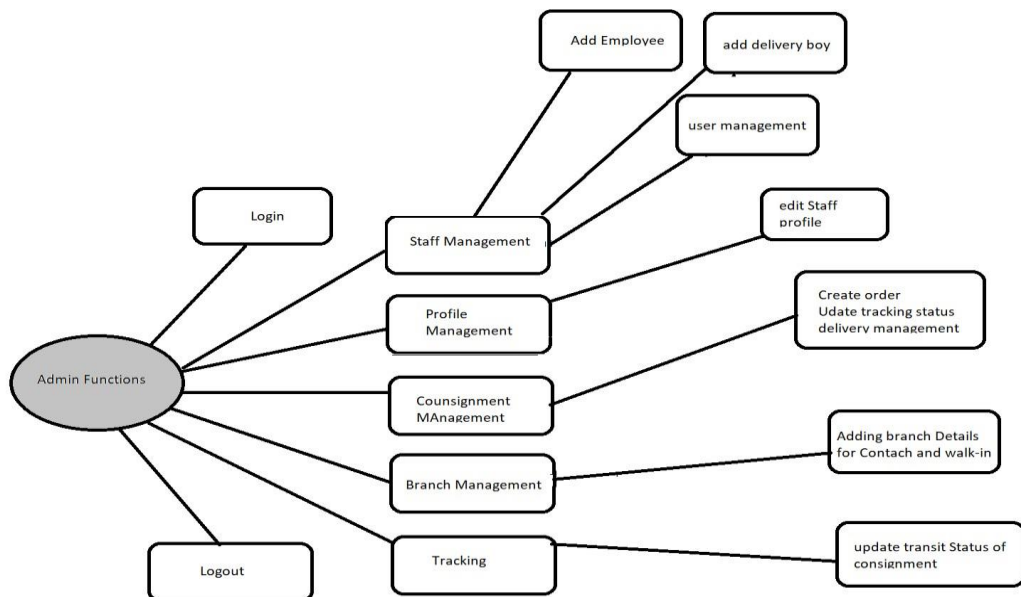
2.1.1 Functionalities of Admin:

1. **Login:**

   The admin has his own independent login page , he has to enter the email, password for login, after successful login he will be directed to the admin board page.

2. **View Courier Status:**

   Here the admin will be able to view all the status of the couriers (Booked,dispatched,delivered,in transit)

3. **View courier details:**

   Here the admin will be able to see all the details of the courier,like the sender and receiver details and pakage details.

4. **Add Employee :**

   Here the employee will be able to add new employee details into the system.the details include the firstname,lastname,email and password for the employee login

5. **View Employee Details :**

   Here all the details of the employee working in the company will be displayed

6. **Branch :**Here admin will be able to see all the branches of the courier company , the admin will be able to add new branch.

2.2 Functionalities of Employee
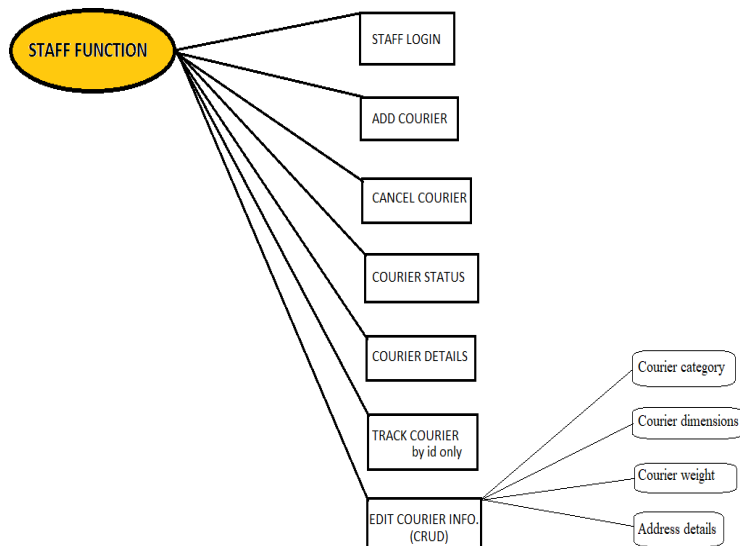
1. **Login:**

The employee has his own independent login page, he has to enter the email, password for login, after successful login he will be directed to the employee board page.

2. **Add Courier:**

The employee will be able to add a new courier, he has to specify all the details of the courier like the senders and recipient details, the weight and mode of transport of the courier.

3. List all Courier:

The employee will be able to list all the courier that are there currently in the branch. He can also view the details of each courier separately.

4. Update Courier Status:

The employee can update the status of the courier after each step if the transportation is completed that is booked, in transit, arrived at destination, and delivered.

2.3 Functionalities of Customer:
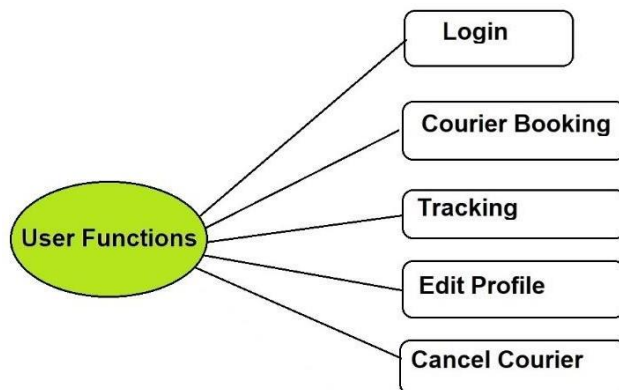
1. Register:

The customer will be able to register on the courier website. Registration is mandatory before availing courier service. The customer has to enter the firstname,lastname, and has to provide a valid email and password for login.

2. Login:

The customer has his own independent login page, he has to enter the email, password for login, after successful login he will be directed to the customer board page.

3. Add Courier:

The customer will be able to add a new courier, he has to specify all the details of the courier like the senders and recipient details, the weight and mode of transport of the courier.

4. Courier Status:

The customer will be able to view the status of the courier he

3. DESIGN

3.1 Database Design

The following table structures depict the database design.

Table1: Branch table

Key Type/ Constraint	Column Name	Data Type	Length	Allow Null (1=Yes;0=No)
3	Id	Int	4	0
0	Address	Varcher	100	1
0	City	Varchar	20	1
0	Contact	Varcher	20	1
0	Country	Varchar	20	1
0	Email	Varchar	20	1
0	Name	Varchar	20	1
0	Pincode	Varchar	20	1
0	State	Varchar	20	1

Table2: User Table

3	id	bigint		0

0	email	Varchar	255	1
0	First_name	Varchar	255	1
0	Last_name	Varchar	255	1
0	Password	Varchar	255	1
0	Role	Varchar	255	1

Table3 :Courier

| 3	FlightID	Number	5	0
3	AirlinesID	Number	10	0
0	Fromsrc	Varchar2	255	1
0	Todest	Varchar2	255	1
3	Fromdate	Date	8	0
0	Todate	Date	8	1
0	Fromtime	Date	15	1
0	Destime	Date	15	1
0	Bussinessseats	Number	3	1
0	Economicseats	Number	3	1
0	Bsprice	Float	126	1
0	Discount	Float	126	1
0	Ecprice	Float	126	1

Table5: Bank

3	BankId	Number	5	0
0	Cardtype	Varchar2	10	1
3	Cardnumber	Number	15	0
0	Pinnumber	Number	4	1
0	Validfrom	Date	7	1
0	Validthrough	Date	7	1

3	C_Id	Int		0
0	Courier_mode	Varchar	20	1
0	Courier_type	Varchar	20	1
0	Courier Weight	Double	4	1
0	Cre_date	date		1
0	Price	double		1
0	Recipient_address	Varcher	50	1
0	Recipeint_city	Varchar	20	1
0	Recipeint_contact	Varchar	20	1
0	Recipient_country	Varchar	20	1
0	Recipeint_name	Varchar	50	1
0	Recipient_pin	Varchar	20	1
0	Recipient_state	Varchar	20	1
0	Remark	Varchar	50	1
0	Sender_address	Varchar	50	1
0	Sender_city	Varchar	50	1
0	Sender_contact	Varchar	20	1
0	Sender_country	Varchar	20	1

0	Sender_name	Varchar	50	1
0	Sender_pin	Varchar	20	1
0	Sender_state	Varchar	20	1
0	Status	Varchar	20	1
0	Tracking_id	Varchar	100	1
0	Upd_date	date		1

E-R Diagram
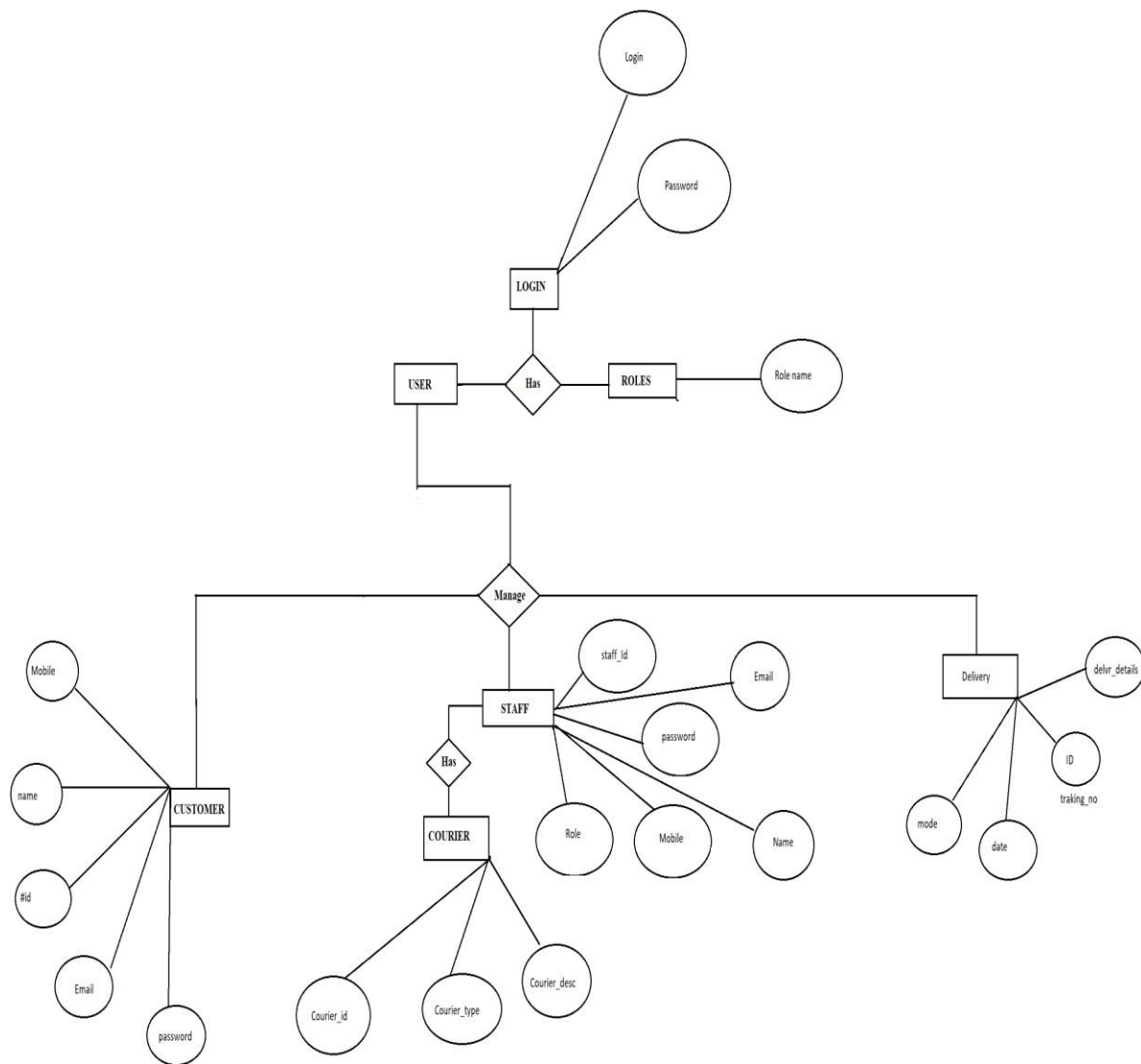
4. CODING STANDARDS IMPLEMENTED

Naming and Capitalization

Below summarizes the naming recommendations for identifiers in Pascal casing is used mainly (i.e. capitalize first letter of each word) with camel casing (capitalize each word except for the first one) being used in certain circumstances.

Identifier	Case	Examples	Additional Notes
Class	Pascal	Person, BankVault, SMSMessage, Dept	Class names should be based on "objects" or "real things" and should generally be **nouns**. No '_' signs allowed. Do not use type prefixes like 'C' for class.
Method	Camel	getDetails, updateStore	Methods should use **verbs** or verb phrases.
Parameter	Camel	personName, bankCode	Use descriptive parameter names. Parameter names should be descriptive enough that the name of the parameter and its type can be used to determine its meaning in most scenarios.
Interface	Pascal with "I" prefix	Disposable	Do not use the '_' sign
Property	Pascal	ForeColor, BackColor	Use a noun or noun phrase to name properties.
Associated private member variable	_camelCase	_foreColor, _backColor	Use underscore camel casing for the private member variables
Exception Class	Pascal with "Exception" suffix	WebException,	

Comments

- Comment each type, each non-public type member, and each region declaration.

- Use end-line comments only on variable declaration lines. End-line comments are comments that follow code on a single line.

- Separate comments from comment delimiters (apostrophe) or // with one space.

- Begin the comment text with an uppercase letter.

- End the comment with a period.
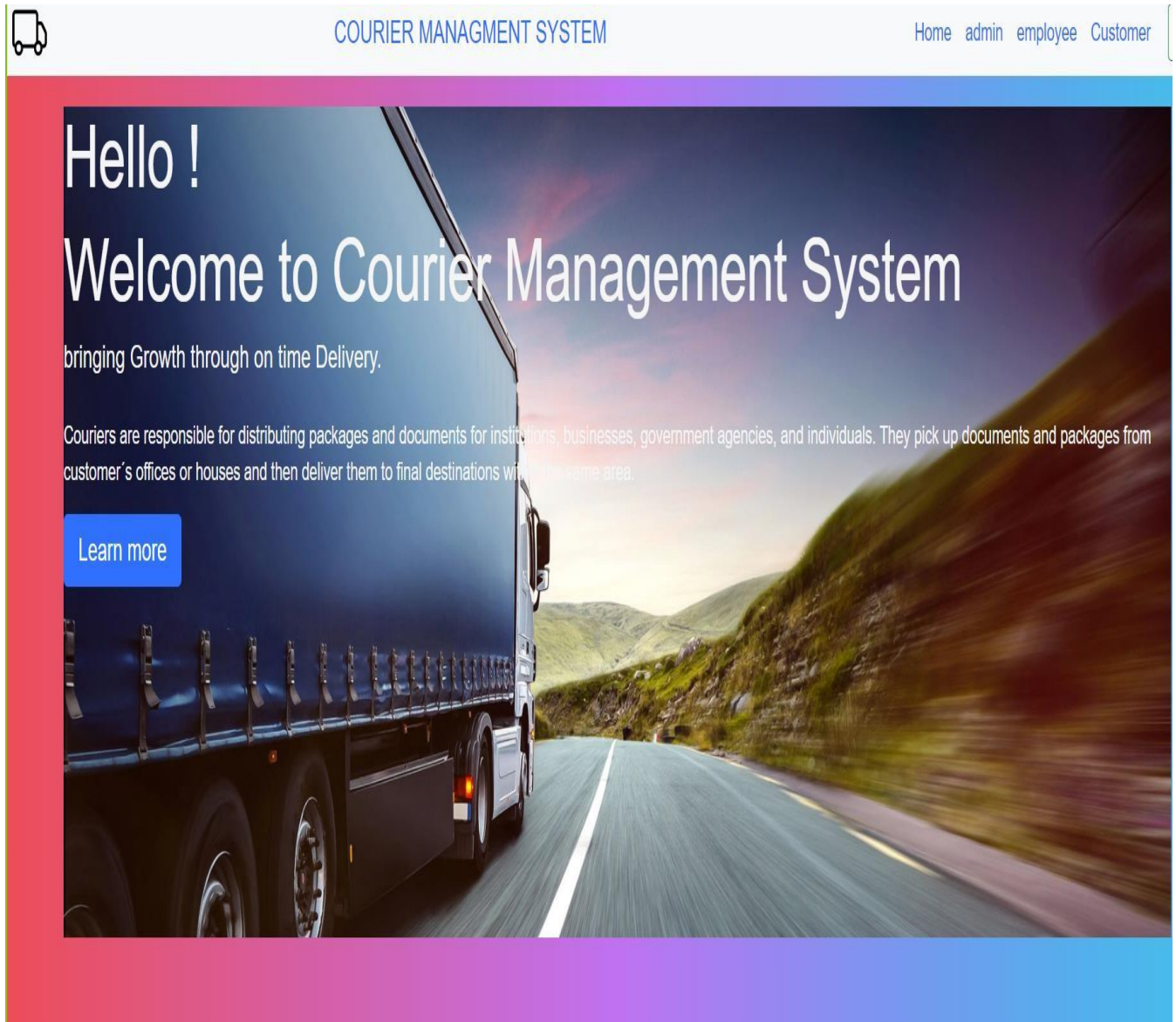
- Explain the code; do not repeat it.

5. TEST REPORT

GENERAL TESTING:

SR-NO	TEST CASE	EXPECTED RESULT	ACTUAL RESULT	ERROR MESSAGE
1	Register Page	Redirected to Next page	OK	Nothing
2	Login Page	Pop-up will come	Ok	Please enter username and password again .
3	Reset login	Only users password will be reseted	Ok	Nothing
4	Quick search Courier	Gives all Courier details	Ok	Nothing
5	Booking Courier	All the fields should be filled for submission	Ok	Nothing
6	Checking login or not	User is logged in or not	Ok	Nothing
7	Add person details for Courier	Add informations according to no of Courier allocated	Ok	Nothing
8	Goto Employee page	Set added information about person	Ok	Nothing
9	View done	It shows you all transport courier done previously	Ok	Nothing
10	Logout	It will logout from Admin profile.	Ok	Nothing

6. <u>UI</u>

<u>Homepage:</u>

Login:

User Registration:

Admin Panel:

Admin Panel

Employee Management Board

Get all details here

Go to Management Board

Courier Management Board

_____

Go to Courier Management Board

Branch Management Board

_____

Go to Branch Management Board

User Management

_____

Go to User Management Board
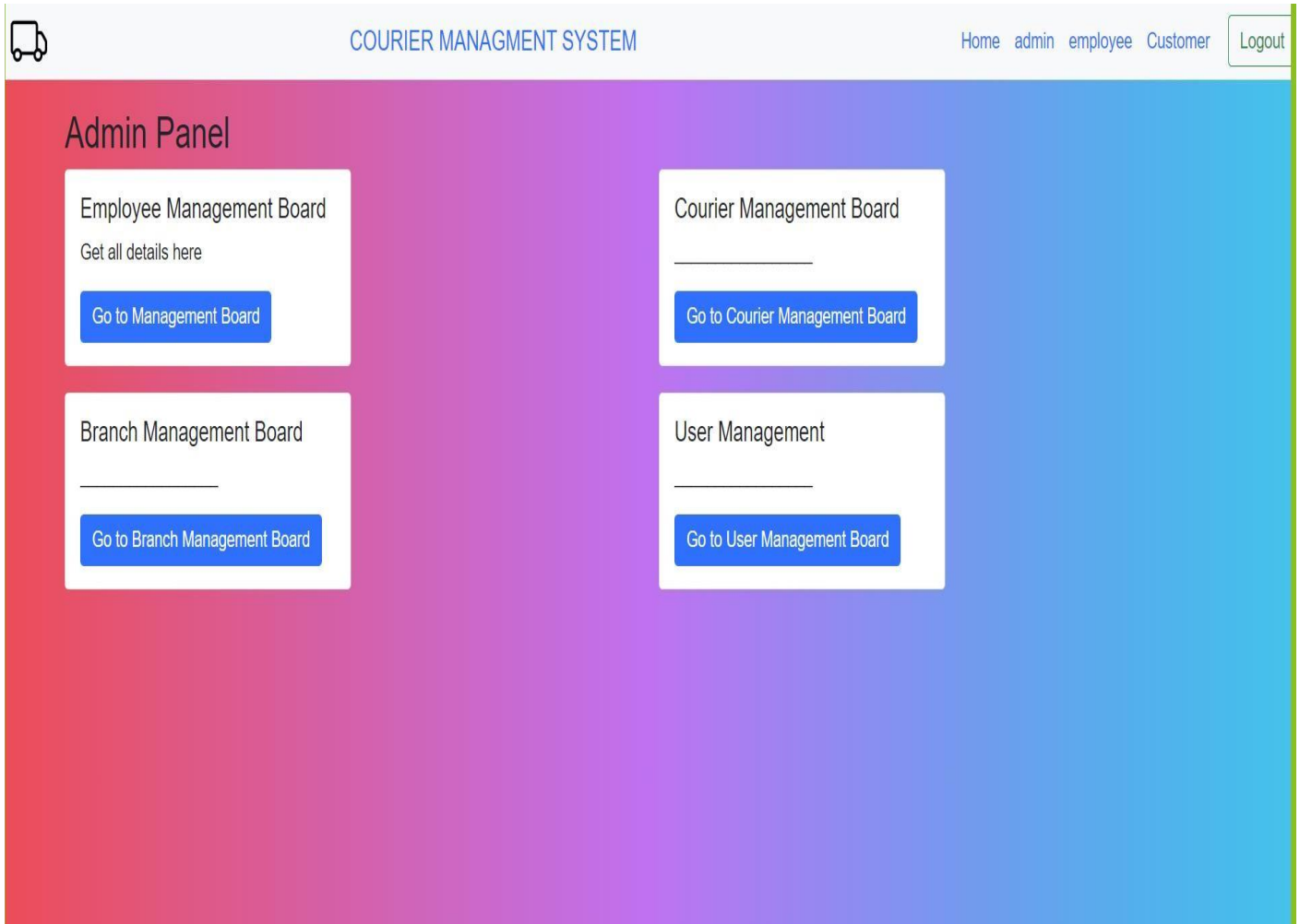
Branch details:

COURIER MANAGMENT SYSTEM   Home   admin   employee   Customer   Logout

branches List

add branch

back to admin board

Name	Contact	email	address	city	pincode	state	country
khargar	123456	CMS_kh@gmail.com	mumbai khargar	panvel	411064	Maharashtra	India
Pune	987556335	puneCMS@gmail.com	aundh	Pune	411096	Maharashtra	INDIA

Add Courier:

Courier List:

COURIER MANAGMENT SYSTEM   Home admin employee Customer   Logout

Couriers List

Add Courier

back to Employee board

Id	Tracking id	Sender Name	Sender City	Recipient Name	Recipient City	Courier Mode	Status	Remark	Action	
1	7768	akshay	MUMBAI	sarang	PUNE	AIR	BOOKED	Dispatched	Update	View
7	8140	abhishek	PUNE	surabh	MUMBAI	AIR	BOOKED	in transit	Update	View
8	7724	dhiraj	PUNE	shailesh	MAUMBAI	AIR	BOOKED	at destination	Update	View
9	3750	jayant	PUNE	sonali	MUMBAI	ROAD	BOOKED	network delay	Update	View
10	9833	rohit	mumbai	surabh	Pune	ROAD	BOOKED	in process	Update	View

Employee Board:

Employee List

| | COURIER MANAGMENT SYSTEM | | | Home   admin   employee   Customer | Logout |

Employees List

| Add Employee | back to board |

ID	Employee First Name	Employee Last Name	Employee Email Id	Actions
3	sarang	raool	sarang@gmail.com	Update Delete View
12	rohit	nayab	rohit@gmail.com	Update Delete View
13	employee	emp	employee@gmail.com	Update Delete View

7.**REFERENCES:**

- getbootstrap.com

- https://nodejs.org/en/

- http://www.w3.org

- http://www.webdevelopersjournal.com/
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