

Project Title: CARBEJDO

Web application platform for selling and buying used cars.

Project Overview:

Customers take their car to one of the showrooms for inspection and sale.

Cars are evaluated and quotes the base resale price hence car will be purchased and details (customer and car) will be updated in the database

After making the payment to the customer, generation of invoice is done and hence update on the database is made.

Customer and Company then sign various documents and RTO transfer forms. From that point onwards, company is responsible for anything that happens to the car.

Company will then review the car on inspection reports and base price quoted and hence quote a resale price. The car will stay in one of their warehouses till an actual buyer is found.

Once the buyer who visits the showroom gives the approval on the resale price quoted after negotiations, payment will be collected and details of buyer and the car will be updated in the database accordingly.

Hence the updated RTO transfer forms will be handed over to the buyer along with the vehicle.

ERP Diagram

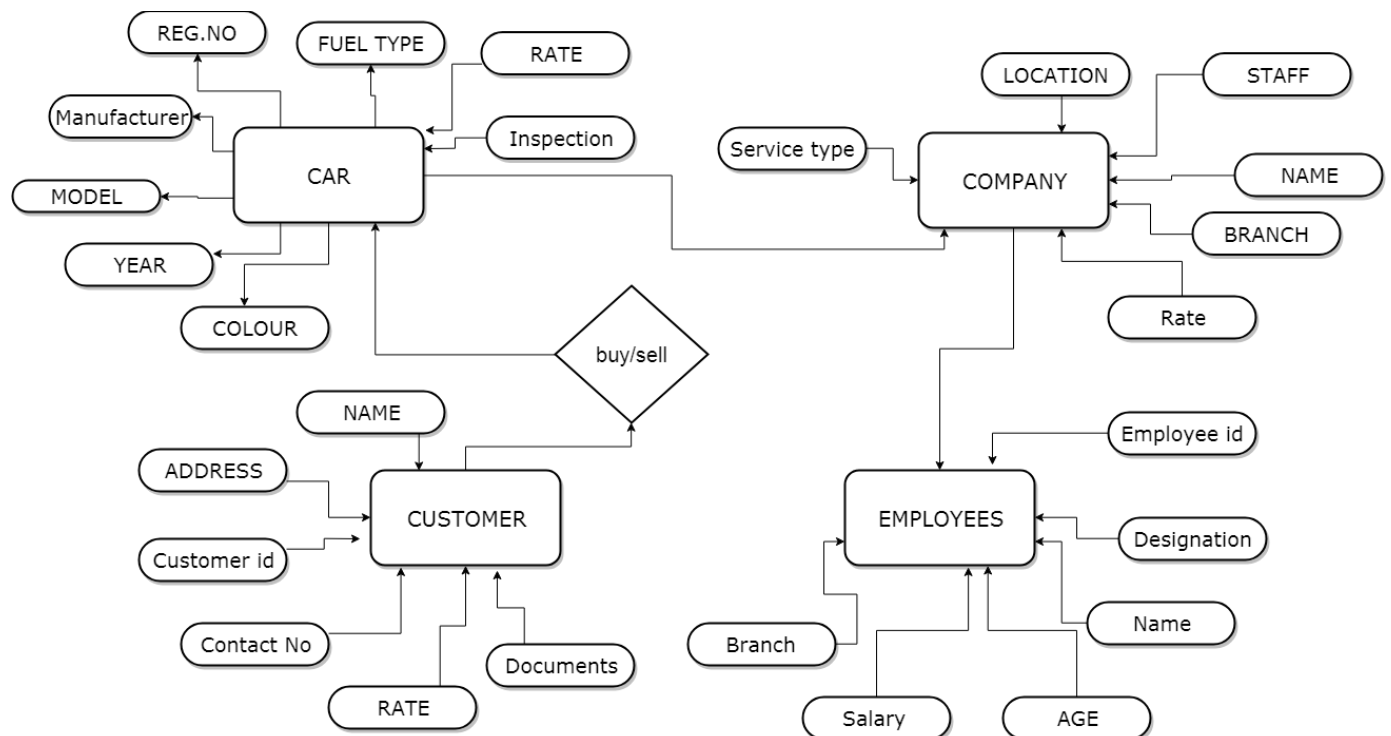


Figure 1

Class Diagram

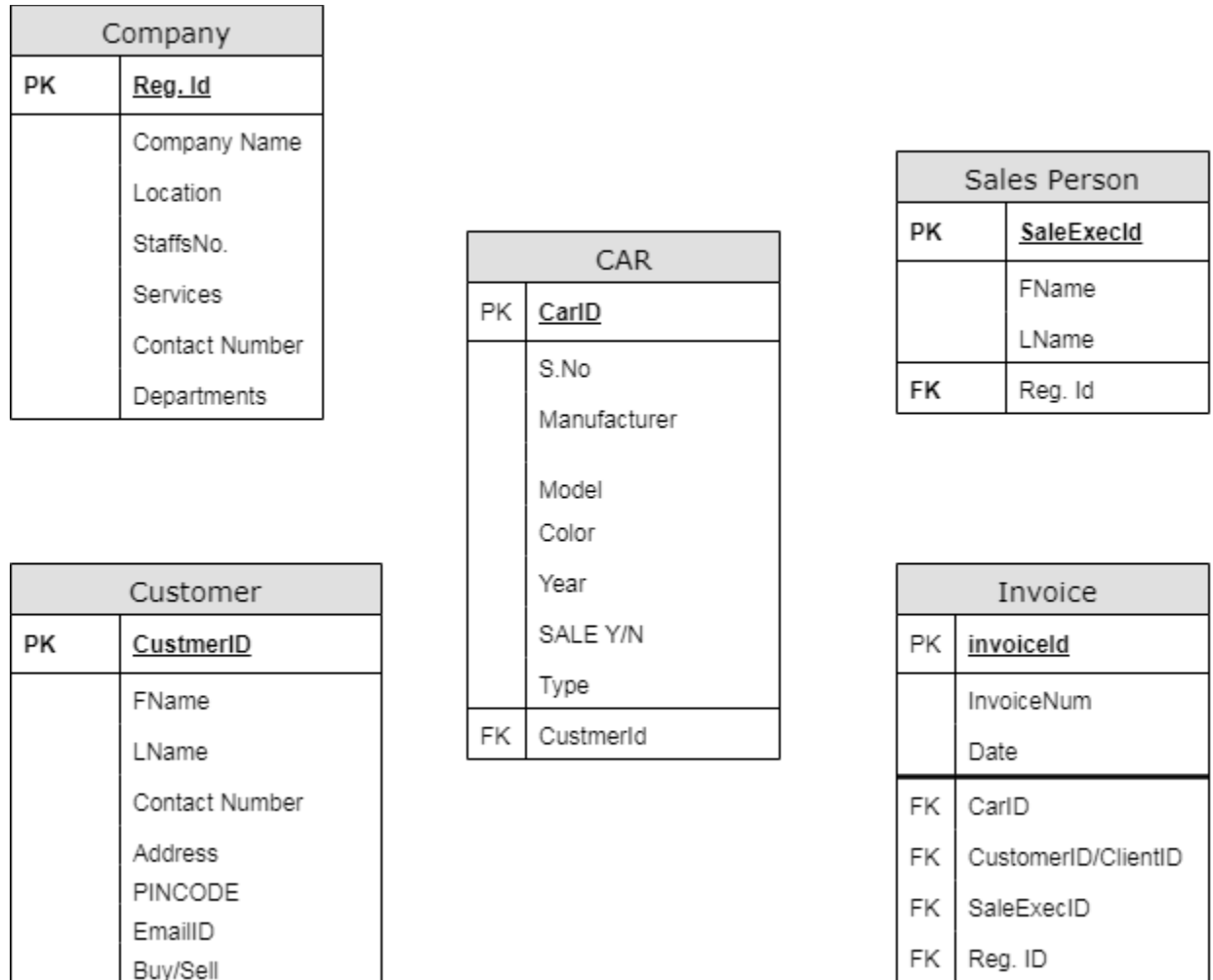
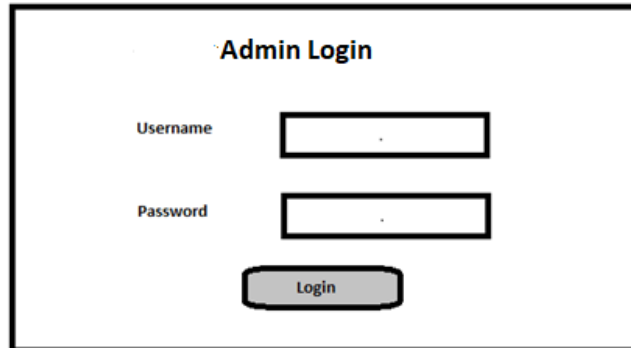


Figure 2

There are two logins in our website :

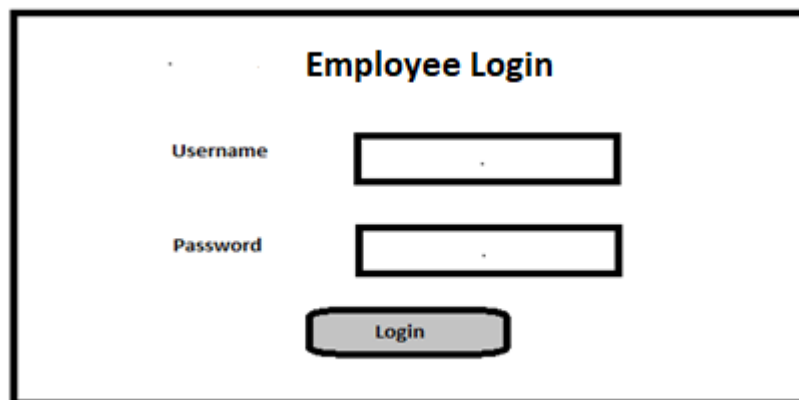
1. Admin login
2. Employee login



The diagram shows a rectangular box representing the Admin Login page. At the top center, the text "Admin Login" is displayed in bold. Below this, on the left side, are the labels "Username" and "Password". To the right of "Username" is a rectangular input field. To the right of "Password" is another rectangular input field. Below these two input fields, centered horizontally, is a rounded rectangular button with the text "Login" inside it.

Figure 3 Admin login

This is the admin login page which will also be in the company website. This login page will be used by the administrators of the company to register new customers and add/remove employees in the company. This page will appear in the admin login button.

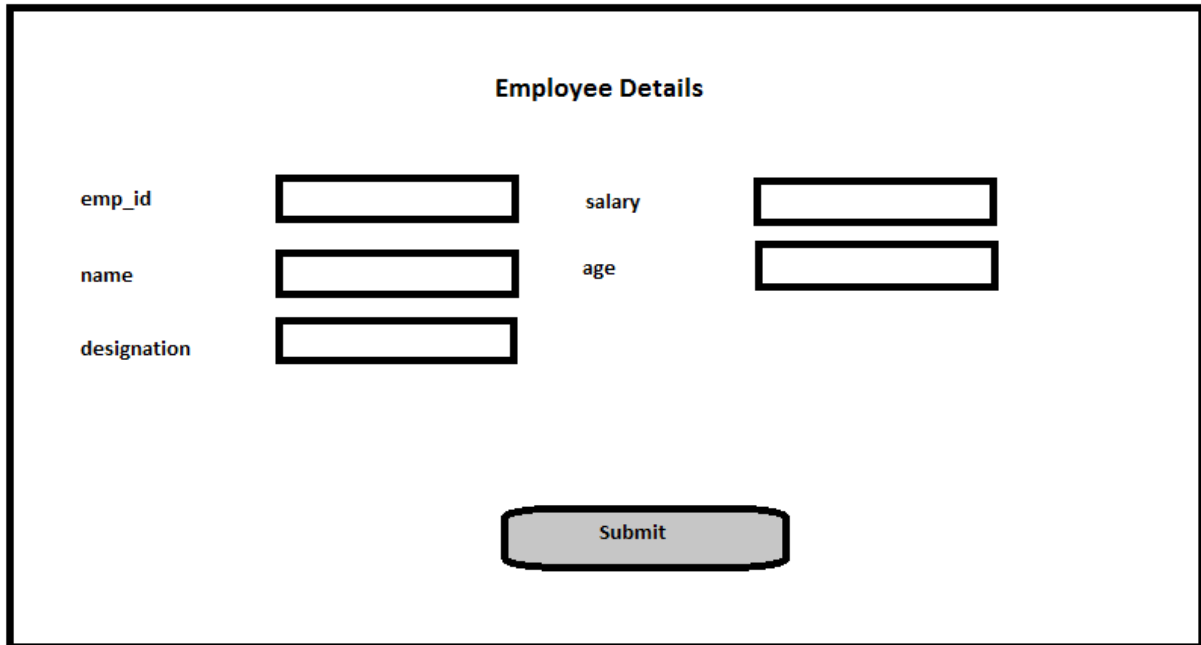


The diagram shows a rectangular box representing the Employee Login page. At the top center, the text "Employee Login" is displayed in bold. Below this, on the left side, are the labels "Username" and "Password". To the right of "Username" is a rectangular input field. To the right of "Password" is another rectangular input field. Below these two input fields, centered horizontally, is a rounded rectangular button with the text "Login" inside it.

Figure 4 Employee login

This is the Employee login page which will be present in the website. This login page is only for the company employees, which they will be used by the employee to register new customer when a purchase/sell is made by him/her. Inside the login page the employee will generate the invoice of the transaction made by him/her and fill up the required details to generate the bill. And can view the past transactions made by him.

ADD Employee



The form is titled "Employee Details" and is enclosed in a black rectangular border. It contains five input fields arranged in two columns. The left column has three fields labeled "emp_id", "name", and "designation". The right column has two fields labeled "salary" and "age". Each field is represented by a white rectangular box with a black border. Below the input fields, centered at the bottom of the form, is a gray button with a black border and the text "Submit".

Employee Details			
emp_id	<input type="text"/>	salary	<input type="text"/>
name	<input type="text"/>	age	<input type="text"/>
designation	<input type="text"/>		
<input type="submit" value="Submit"/>			

Figure 5

The employee details will be filled by the administrator he is the only person in the company who will add/remove employees from the company database. This page will be inside the admin login page and can be accessed only by the admin. This page will appear when the admin taps add employee button inside his login page.

Employee Dashboard

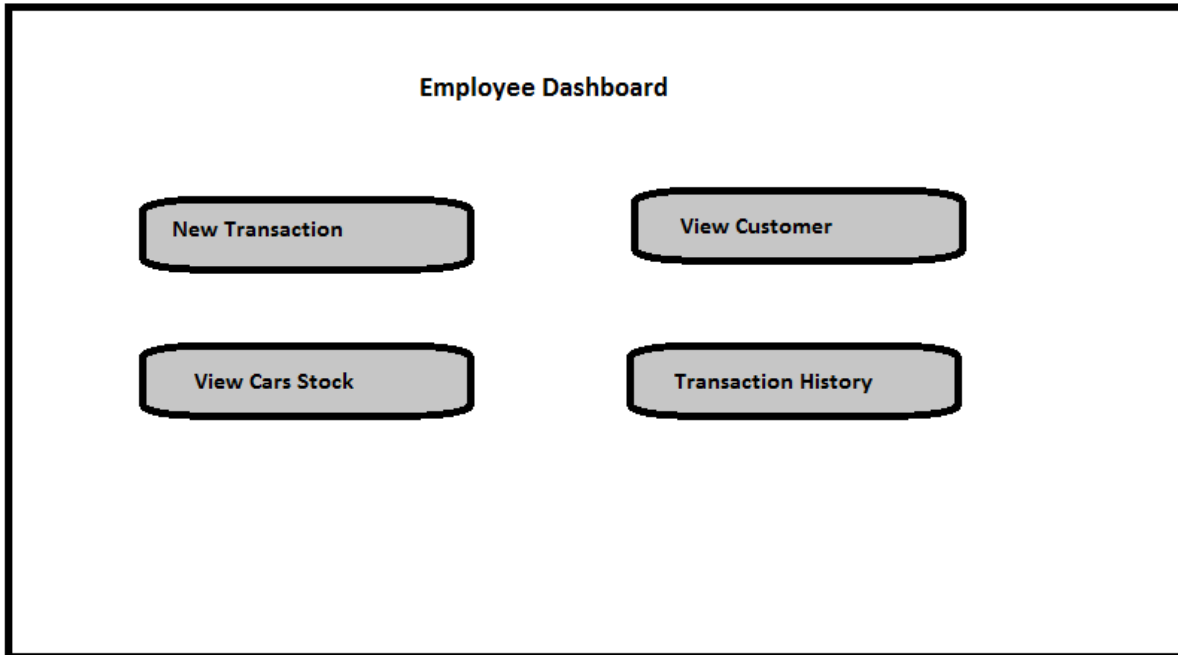


Figure 6

This is the view inside the employee login page all this option will be available to the employee after he/her login through his/her employee id and password. Through this the employee will be able to register new customer or check any old customer details or to see the stock of cars available in the warehouse of the company. And check all the past transaction made by the employee.

ADMIN Dashboard

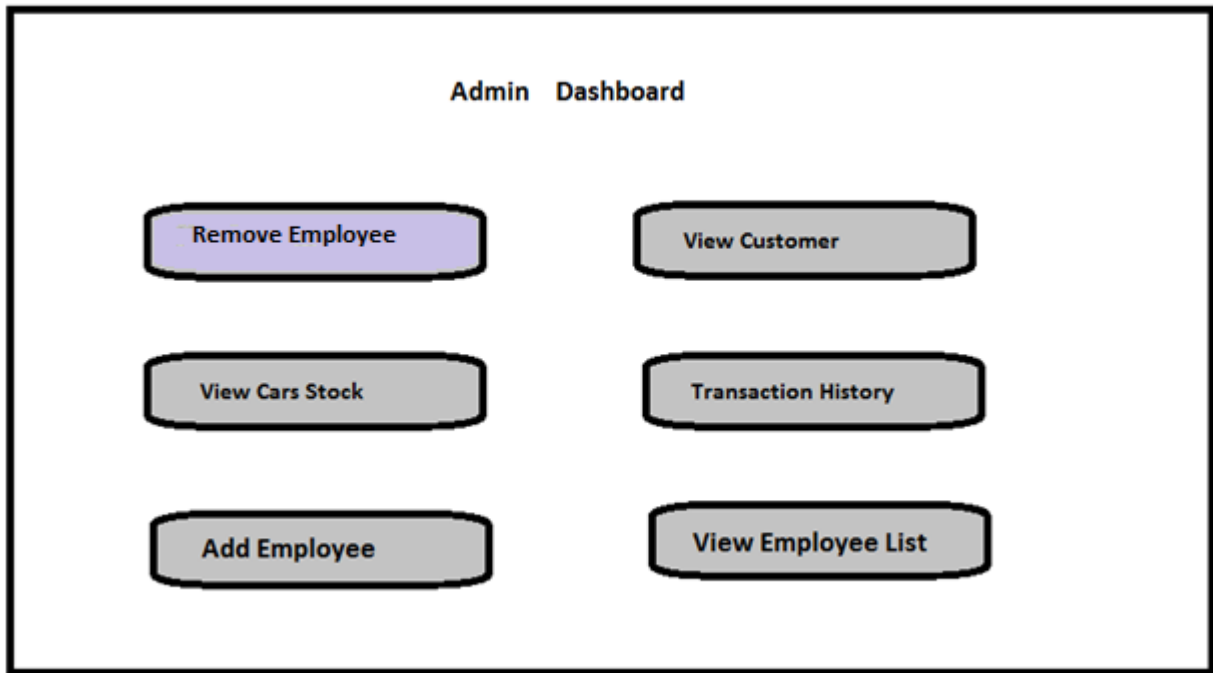


Figure 7

This is the view inside the admin login page. Admin will be able to see all the transaction made by his/her employees. Admin will be able to add/remove employees, see all the list of customers registered by the employee and also see all the active employees in the company. He can check the stock of the cars the company has in possession.

New Transaction

Step:1

The form is titled "Customer Details" and is enclosed in a rectangular border. It contains the following elements:

- First Name**: A text input field.
- Last Name**: A text input field.
- Contact Number**: A text input field.
- Email**: A text input field.
- Address**: A larger text input field.
- Status (B/S)**: A text input field.
- Customer Id**: A text input field.
- Submit**: A rounded rectangular button.
- next**: A rectangular button.

Figure 8

This is the customer detail page which will be filled by the employee who had sold or purchase the car by login through his employee id and password. This will appear when new transaction button is pressed by the employee, after filling all the details of the customer the employee will press the submit button and click on the next button to open a new form.

Step:2

CAR DETAILS			
car ID	<input type="text"/>	Rate	<input type="text"/>
Model	<input type="text"/>	Manufacturer	<input type="text"/>
Color	<input type="text"/>	Type	<input type="text"/>
Year	<input type="text"/>	Sale	<input type="text"/>
<input type="button" value="Submit"/>			

Figure 9

This page will appear when the customer details have been filled by the employee and submitted then clicked on next button. The employee will now fill the car detail which has been purchased or sold by the employee to the customer, then click on submit button to save the transaction.

Transaction History

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Transaction History

Invoice Id	Car Id	Model	Employee Id	Cost Price	ReSale Price
1001	101	ritz	1100	200000	275000
1002	101	Swift	1100	220000	295000
1001	101	ritz	1100	200000	275000
1002	101	Swift	1100	220000	295000

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Figure 10

When Employee or Admin click on Transaction history this page will be displayed on the screen which will show all the transaction done by the employee ,i.e all the details of the car sold or bought and the customer to whom it is sold to with all the relevant details on the screen. From the page the admin or employee can keep atract of the cars sold or bought by the company through its empoyee.

Cars Stock

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Car Listing							
carId	Model	color	Year	Rate	Manufacture	Type	Sale
101	jhala	white	2015	500000	honda	sedan	y
102	Ritz	white	2015	300000	Maruthi	sport	y
106	Corolla	Black	2015	300000	Toyota	sport	y

Figure 11

The view car stock button is available to both the employee and admin, when clicked it show all the cars currently available in the inventory of the company. Which are available for sell, it have all the details of the cars which the company bought from the customers.

Employee List

Employee List

emp_id	name	designation	age	salary	Location
11111	jwhala	Manager	25	50000	Koramagala
11156	Anurag	Sales Exec	45	35000	CV raman Nagar
11157	Abhijeet	Sales Exec	35	15000	Benniganahali

Figure 12

This page will appear only in the admin dashboard , when clicked it will show all the employee currently working in the company and there details. So the admin can keep a track of all the employee currently employed by the company.