



الأكاديمية العربية للعلوم والتكنولوجيا والنقل البحري

Arab Academy for Science, Technology & Maritime Transport

College of Computing and Information Technology (CS) Department

Cairo Branch

Fix & Wash **Fix and Wash**

F&W

Members:

- Khaled Ehab Attia 20106166
- Anas Magdy Salah 20104847
- Youssef Moustafa Ibrahim 20104848
- Youssef Hatem Mohamed 20108429
- Abdelrahman Sherif Ibrahim 20107171

Introduction:

- Our project is a multi-services center for cars that provides all the needs of a customer to repair and maintain their cars.
- Our goal is to make auto repair and maintenance more convenient for you. We are a friendly, helpful and professional group of people. Our professionals know how to handle a wide range of car services. We get the job done right — the first time. Same day service for most repairs and maintenance.
- We seek for full range of garage services to vehicle owners in all cars. Our professionals know how to handle a wide range of car services. Whether you drive a passenger car or medium sized truck or SUV, our mechanics strive to ensure that your vehicle will be performing at its best before leaving our car center.

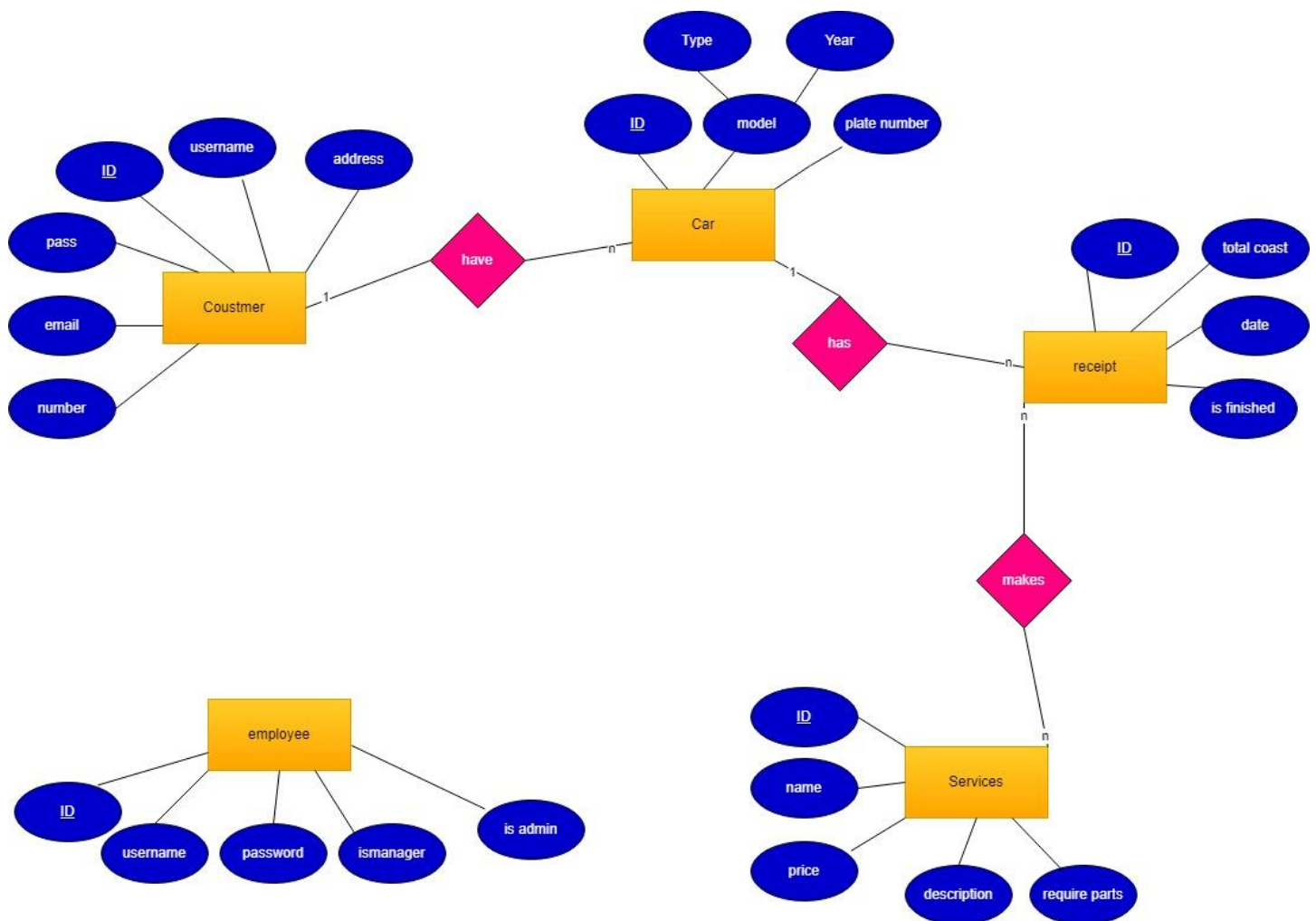
Project Functionality:

- **Client** can reserve a session for a specific car of his own to get some services done on that car like:
 - Car washing.
 - Engine diagnoses.
 - Belt and hoses.
 - Functionality 4.
 - And more.
- have full control over his Profile.
- can add more cars to his account.
- can reserve more than one service for the same car and for multiple cars of his own.
- **Admin** can access user data.
- can modify username of any user.
- Have full control over services (like: adding-updating-deleting).
- Can view and change the state of any receipt to mark it as completed.
- Can delete any receipt if its refund request is accepted.
- Can view all the cars and delete any of them if necessary.
- Can add new employees to the center.
- **Manager** can view Monthly, Yearly charts for the center's profit like.
 - Total income in a specific month.
 - Total income in a year.

Technical Functionality:

- Login (special privileges for **admin** and **manager**).
- Signup.
- Various validations using PHP (for back-end) and JavaScript (for client-side processing).
- Using PHP we've connected with Database to:
 - Provide reports.
 - Verify validations.
 - Retrieve different types of data.
 - Updating and deleting data.
 - Dynamic viewing of the data.
- Using bootstrap across all pages to provide consistent design.

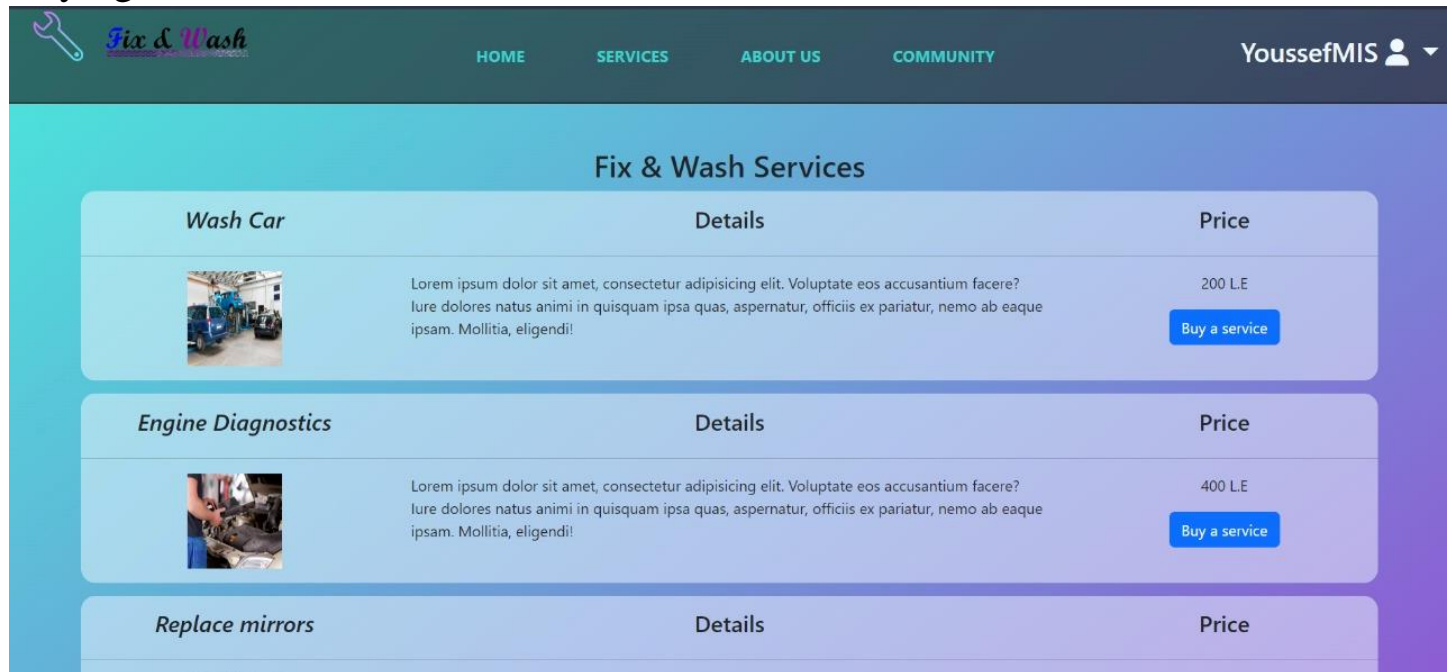
Diagrams:





Screen Shots:

User

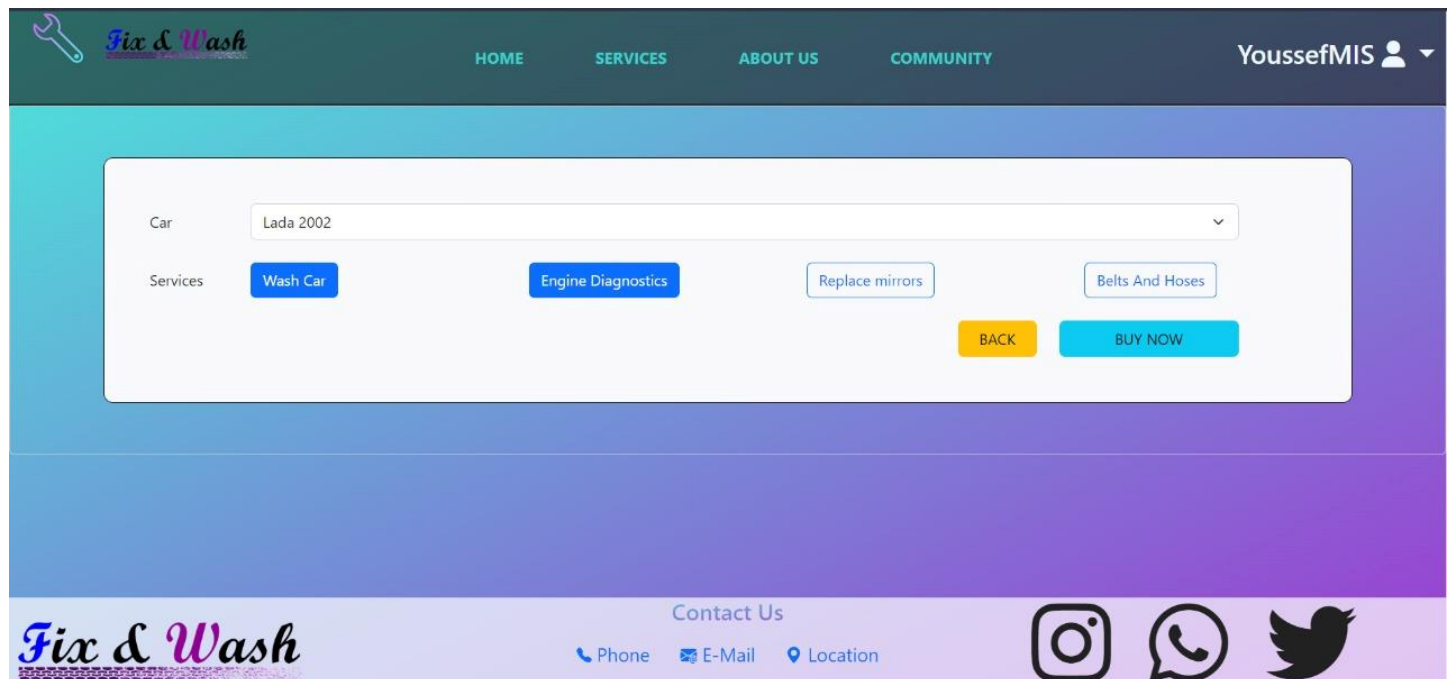
Buying a service



The screenshot shows the 'Fix & Wash Services' page. The header includes the logo, navigation links (HOME, SERVICES, ABOUT US, COMMUNITY), and a user profile 'YoussefMIS'. The main content area is titled 'Fix & Wash Services' and displays a list of services in a table-like format. Each service entry includes an image, a title, a description, a price, and a 'Buy a service' button.


Wash Car	Details	Price
	Lorem ipsum dolor sit amet, consectetur adipisicing elit. Voluptate eos accusantium facere? Iure dolores natus animi in quisquam ipsa quas, aspernatur, officiis ex pariatur, nemo ab eaque ipsam. Mollitia, eligendi!	200 LE Buy a service
Engine Diagnostics	Details	Price
	Lorem ipsum dolor sit amet, consectetur adipisicing elit. Voluptate eos accusantium facere? Iure dolores natus animi in quisquam ipsa quas, aspernatur, officiis ex pariatur, nemo ab eaque ipsam. Mollitia, eligendi!	400 LE Buy a service
Replace mirrors	Details	Price

Buying a service (reserving a session for a car)




The screenshot shows the service reservation form. The header is identical to the previous screenshot. The main content area contains a form with a 'Car' dropdown menu set to 'Lada 2002'. Below the dropdown are four service buttons: 'Wash Car' (highlighted in blue), 'Engine Diagnostics', 'Replace mirrors', and 'Belts And Hoses'. At the bottom of the form are 'BACK' and 'BUY NOW' buttons. The footer includes the 'Fix & Wash' logo, contact information (Phone, E-Mail, Location), and social media icons for Instagram, WhatsApp, and Twitter.

Our mission and vision




HOME SERVICES ABOUT US COMMUNITY

YoussefMIS 


ABOUT US

We offer a full range of garage services to vehicle owners located in Tucson area. All mechanic services are performed by highly qualified mechanics. We can handle any car problem.




MISSION

We make auto repair and maintenance more convenient for you We are a friendly, helpful and professional group of people Our professionals know how to handle a wide range of car services We get the job done right — the first time Same day service for most repairs and maintenance



VISION

We offer full range of garage services to vehicle owners in Tucson. Our professionals know how to handle a wide range of car services. Whether you drive a passenger car or medium sized truck or SUV, our mechanics strive to ensure that your vehicle will be performing at its best before leaving our car.



ACHIEVEMENTS

1 0 0 % CUSTOMER SATISFACTION

1 5 CARS REPAIRED PER DAY

7 0 2 TIRES REPAIRED A YEAR


5 1 2 5 TIGHTENED BOLTS

24/7 customer service

We are a friendly, helpful and professional group of people Our professionals

Login Page

Register Log In



UserName

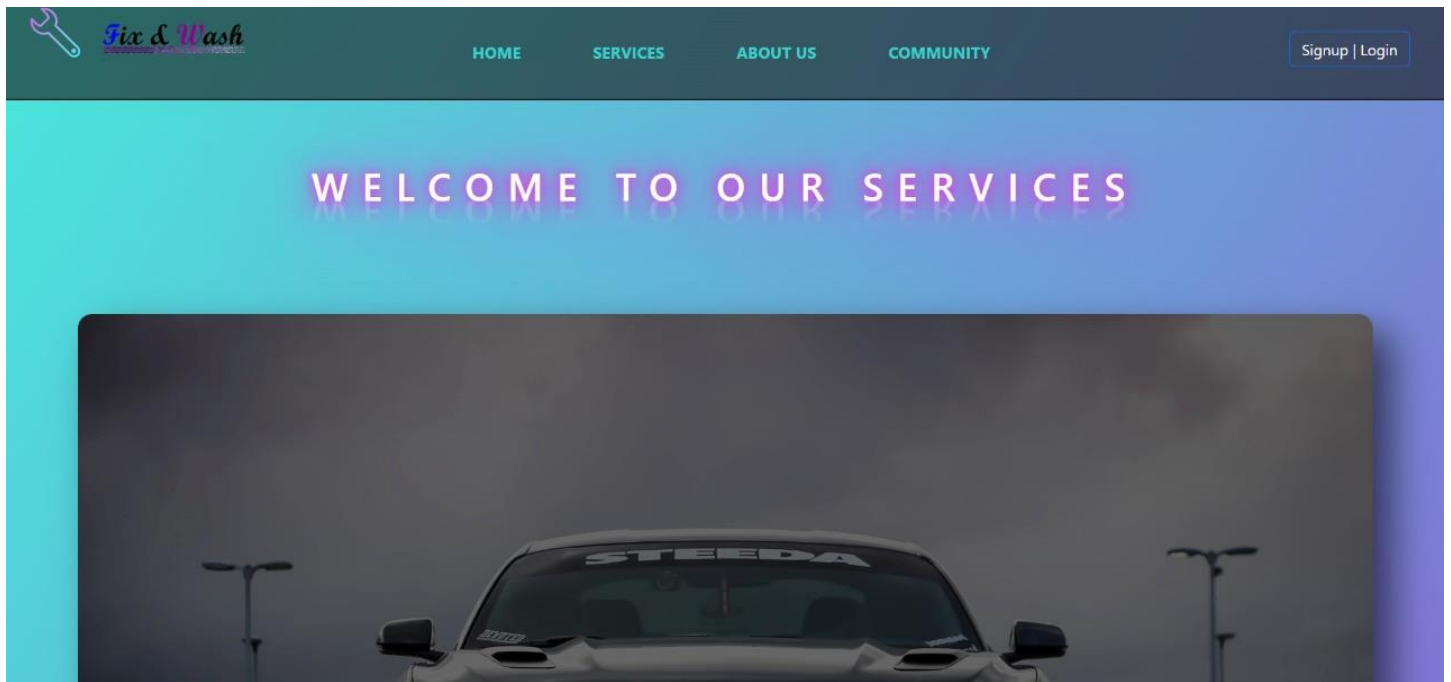
E-Mail

Password

☐ I agree to the [terms & conditions](#)

Register

Home Page



Admin

Viewing receipts

ADD SERVICES ADD EMPLOYEE VIEW RECEIPT EDIT ▾ LOGOUT					welcome admin 
Receipt ID	Date	Total Cost \$	Status	Mark as Completed/Delete	
#3	2022-12-26	1700	Completed		
#4	2022-10-26	1200	Not Completed		
#5	2022-09-26	500	Not Completed		
#6	2020-12-01	0	Completed		
#7	2022-08-26	1700	Not Completed		
#8	2022-12-26	600	Not Completed		

And another functionalities...