



## Cover page

Project title: CarHub Management System

Academic Year: 2024, Second Semester

Group Members: Obada Kamal  
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Department Name: Computer Engineering

Project Type Software

Supervisor Name: Dr. Haya Samaana

Format:

- ☐ Single space, Times New Roman.
- ☐ 12 pt,
- ☐ Maximum 1 page.

Abstract Body:

Items must be provided in the Abstract:

- ☐ Why do you think this project is important? Please explain the significance of this Project in brief.
- ☐ In your point of view what are the important aspects that should be covered in the project?
- ☐ Objective(s): In your view, please explain the main objectives of the project.
- ☐ Methodology: Give a brief outline of the application development process.
- ☐ Had this project been done before? Are there any similar applications available today?
- ☐ Note: Please deliver this abstract early to ensure that your Project has been approved by the department's projects committee. Registration will not be done without this approval.

**Issue number: GP1-4**



## **CarHub Management System:**

**Abstract:** CarHub is platform designed to simplify and optimize the process of finding garages, car dealerships, car rent offices and car parts shops . By integrating a robust database of car information, this project empowers on make it easy to find car dealerships, car rent offices, garages and car parts shops.

**Importance:** Given the importance of transportation and vehicle maintenance in modern life, car rental, repair, spare parts sales and car showrooms aim to enhance the overall experience for both car renters, car buyers and repair garage seekers by providing essential information, improving competitiveness and enhancing efficiency in the automotive sector, thus facilitating Access to rental services, car buying and selling, and repair solutions

### **Key Aspects:**

- Map-Based Carhub Search: Users will have the ability to perform a map-based search for available garages, dealerships, rental offices, and auto parts shops using locations, addresses, or landmarks.
- Comprehensive Database: Integration of a third-party historical customer and car data repository, facilitating seamless access to past records and insights.
- Listing Nearest Available Car rent offices , car dealerships , car parts shops and garages to User Location (on the welcome page).
- Real-Time Chat (Messaging) Between Car Rental Agencies and Customers.
- Service Information: Users can access information about fixing services available for cars, including maintenance, repairs, and detailing.
- Agency management: It can manage the buying and selling of cars depending on the type of cars the showroom deals with.



**Previous Work:** While there are existing car rental and fixing platforms, none provide the depth of integrated data and customer rating offered by CarHub.

**An-Najah National University**  
**Faculty of Engineering and IT**



Faculty of Engineering & Information Technology  
Quality and Accreditation Unit

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