

ITSE311 – Fall2023 Assignment – Part1

Project title: Rabbeshly Station

Team members:

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1.1 Purpose

A system that will provide the services missing in the Libyan car market, Scrapyard offers and ease of purchase from them, New/Used spare parts system for online sale and storage/sales management, an opportunity for customers and car owners to find their replacement parts easier and for their true price, Aftermarket car parts and builds, all will in 1 place.

The audience of my system will include: Every day car drivers, Car modding enthusiasts, Mechanics and workshop owners, Scrapyard owners and Car Brands corporate with its representatives in Libya, alongside potential future customers such as Parts Manufacturers seeking Data and Intel about the Libyan Cars market.

1.2 Scope

- 1) Car Profile for each driver to help him catch-up on regular maintenance on time, such as Changing the car oils and fluids.
- 2) Recommendations regarding critical car parts that usually break in the designated drivers car model, powered by A.I ability to identify it from the System data.
- 3) Allow Shop Owners to store their Storage/Sales-Data on the cloud for easy Access and better accounting.
- 4) Provide data for car parts importers to know which area/car-models have the biggest sales of a specific part to monetize on it through advertisements and Marketing.
- 5) Workshop System to help follow the work and provide data for the workshop owner regarding his sales and workforce to better improve his business, alongside helping him to do accounting.
- 6) Technicians Profile for the Independent and workshop working Mechanics, which will help them showcase their Experience and improve their career.
- 7) Saving time on the Car owner in the case of repairing his car, by providing him with a list of shops/scrapyards that sell the part he needs.
- 8) Improve the Market health by providing transparency of prices.
- 9) Advertisement spaces for Car Brands Corporates, spare-parts shops and workshops to showcase their newest arrivals, offers and services.
- 10) More honest Used and Brand new Cars Selling space that shows each car repair history and its owners and usage.