



Sam Auto
Software Application
Individual Assignment

Ideation Document

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Client: *Sam Auto* car dealership

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1. Git

<https://git.fhict.nl/I527531/sam-auto.git>

2. Project Description

This software product will provide a robust solution for *Sam Auto* (vehicle dealership) allowing it to manage operations effectively, monitor data and give its customers access to an user-friendly web page. *Sam Auto* is a dealership that offers to its clients a wide variety of different kinds of vehicles (cars, trucks, motorcycles).

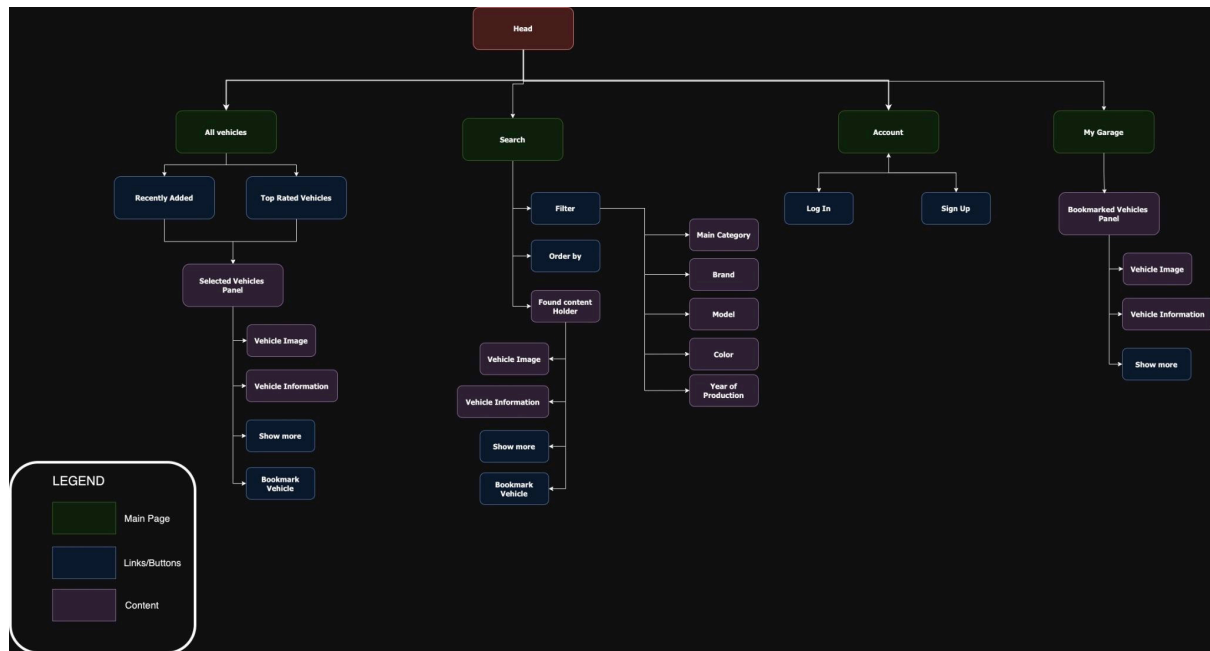
The application will consist of two parts, both of which are going to have access and fetch data from the database. On one side the web deployed (ASP.NET Core Razor Pages) part will be the user interface. Through this interface all the customers (both registered and not) will have access to the catalogue of the dealership house, where they will be able to:

- Explore available vehicles
- Order by “Recently Added” and “Top Rated”
- See each vehicle’s specifications
- Mark favourites (if logged in)
- Check all marked as “favourite” vehicles in the “My Garage” tab
- Rate each vehicle, based on personal opinion
- Save vehicles for buying it within three days
- Log In or Sing Up
- Search for specific vehicles based on specifications such as:
 - Vehicle type
 - Year of production
 - Maximum price
 - Engine type

On the other side will be the desktop application (Windows Forms .NET Core). Through it the staff members of the company will be able to/have access to:

- All available vehicles
- All vehicle sales
- Different statistics useful for analyses
- Ability to Create/Read/Update/Delete vehicles
- All saved for buying vehicles

3. Project Sitemap



4. Pages Wireframes

SAM AUTO

[All Vehicles](#)[Search](#)[Account](#)[My Garage](#) [Recently Added](#)[★Top Rated Vehicles](#)

Latest added vehicles in Sam Auto Car Dealership

22.02.2024



BMW Series 5 M

20.000€

Type	Sedan
Year of production	2019
Rating	★ 7.5/10
Color	Blue

[Show more](#)

21.02.2024



MAN TGX

32.900€

Type	Tractor Head
Year of production	2020
Rating	★ 9.5/10
Color	White

[Show more](#)

19.02.2024



YAMAHA MT-07

8.999€

Type	Naked bike
Year of production	2024
Rating	★ 10/10
Color	Cyan Storm

[Show more](#)

SAM AUTO

[All Vehicles](#)[Search](#)[Account](#)[My Garage](#)

Main Category:

Motorcycles



Brand:

YAMAHA



Year of production:

From:

2015

Price Range:

☒ all prices

From:

5000

Model:

All



To:

2024

To:

10000

Color:

All



Condition:



Brand new



Used

[Search](#)

Order by:

Price ascending



19.02.2024



YAMAHA MT-07

8.999€



Type

Naked bike

Year of production

2024

Rating

★ 10/10

Color

Cyan Storm

[Show more](#)

15.02.2024



YAMAHA YZ25OF

9.999€



Type

Naked bike

Year of production

2024

Rating

★ 9.5/10

Color

Icon Blue

[Show more](#)