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CAR BREEZY

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Semester:	1	
Batch No:	T1.2406.M1	
Group No:	3	
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This is to certify that

Mr. Nguyen Tran Duc Loc

Mr. Le Tuan Anh

Ms. Vu Thi Hoai Thu

have successfully designed & developed:

eProject: CAR BREEZY

Submitted by:

Ms. Le Mong Thuy

Date of issue: Oct 14th 2024

Authorized Signature:

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ACKNOWLEDGEMENT

On behalf of all team members, we would like to express our heartfelt gratitude to everyone who supports us throughout the completion of this **Car Breezy** eProject. Special thanks to our supervisor, Ms. Le Mong Thuy, whose enthusiastic and dedicated guidance was instrumental in our success. Her continuous support and mentorship provided us with the direction and motivation needed to complete this project.

We also extend our sincere thanks to all team members for their hard work and dedication throughout the month-long effort. Your commitment and earnest contributions were crucial to our success.

Finally, we are grateful to our classmates for creating an encouraging environment that allowed us to focus on our project and achieve our goals. Your support and motivation were greatly appreciated.

SYNOPSIS

Car Breezy is a leading digital marketplace for automotive sales, designed to simplify and enhance the car buying and selling experience. **Car Breezy** is committed to guiding customers through every stage of their car-buying journey, making the process as quick and effortless as possible.

The platform allows users to discover and explore a wide range of vehicles from numerous brands within an extensive network. **Car Breezy** has earned a reputation for reliability by offering valuable tools, comprehensive research, market insights, and transparent pricing. The company aims to streamline the car purchasing process by enabling customers to find the perfect vehicle and complete their purchase entirely online, all from the comfort of their home.

Therefore, this eProject contributes to advancing Car Breezy's mission of making car buying easier, more transparent, and more efficient.

ANALYSIS

1. Purpose of the Website

The website is developed to provide a seamless and efficient car viewing experience. It offers comprehensive information about vehicles, pricing, and deals, along with tools that guide users through the entire purchasing process.

2. Design and Interface

- The website is designed as a Single-Page Application (SPA) with a responsive layout.
- Key features include a user-friendly navigation menu, visually appealing design, and consistent color scheme.
- The interface incorporates modern design elements like animations, hover effects, and interactive components.

3. Technical Requirements

- This website must perform well across all major browsers including Chrome, IE, Firefox, etc., ensuring accessibility from various devices and platforms.
- It utilizes a Single-Page-Application (SPA) approach to deliver a seamless and fast web browsing experience.
- Features are designed to meet technical requirements, facilitating quick and accurate loading and display of information.

CUSTOMER'S REQUIREMENTS SPECIFICATIONS

Client: **Car Breezy Company**

1. Business/Project Objective

The portal will be designed as a Single-Page-Application and responsive Website with a set of pages and menus that represent choice of activities to be performed. The pages, menus, and other visual elements must be designed in a visually appealing manner with attractive fonts, colors, and animations. All of these should also be laid out in a responsive manner.

The Website is to be created based on the following requirements:

1. The Top of the Page should be presented with a suitable logo and a banner with depiction of cars onto it.
2. The site must contain menu with links to New, Used, Brands, Offers etc.
3. Sections should be created with proper listing of cars under NEW, USED, Brands etc.
4. Clicking on any car should open pop-up window with images of car and price along with tabs as Internal Specification, External, Engine, Dimensions with details mentioned in these tabs
5. Filter with options as “Price from high to low”, “Price from low to high”, “A-Z”, “Z-A” etc. will be provided.
6. Section for various Offers should be provided with listing of available offers.
7. Gallery should be provided for viewing different images.
8. Site map, Gallery, About us must be added.
9. About Us and Contact Us: This menu option should display Email id, address, and contact number.
10. Color combination must be uniform throughout the project.
11. Navigation must be smooth.

Over and above this, the portal should implement the following functionalities:

- Display a continuous scrolling ticker at the bottom of the page with current date, time, and location.
- Display a visitor count at the top right corner of the page beside a logo image.
- The menu options should change color on hover and also after clicking.
- Fade in and fade out options can be used for the menus.

2. Hardware/ Software Requirements

2.1 Hardware

- Intel Core i3/i5 Processor or higher
- 8 GB RAM or above
- Color SVGA
- 500 GB Hard Disk space
- Mouse
- Keyboard

2.2 Software

Technologies to be used:

- Frontend: HTML5, CSS, Bootstrap, JavaScript, jQuery, React/AngularJS, Figma, XML
- Data Store: JSON files

Other requirements:

- Operating Portal: Windows
- Browsers: Edge, Chrome, Mozilla Firefox, Safari

SCOPE OF THE WORK (IN BRIEF)

1. Homepage:

Displays an overview of Car Breezy, including featured new vehicles and used vehicles.

2. New Cars:

Sections to browse through new car listings with filters for car type with details.

3. Used Cars:

Sections to browse through used car listings with filters for car type with details.

4. Gallery:

Section to browse through all the cars available on the website with details.

5. Brands:

Section to browse through all the cars with all of the listed in category according to their names.

6. Offers:

Section to browse through all the cars which are currently on sale or promotion.

7. Site map:

Section that show the site map of the project.

8. About us:

Contact information, member information and location for users to reach out or send feedback.

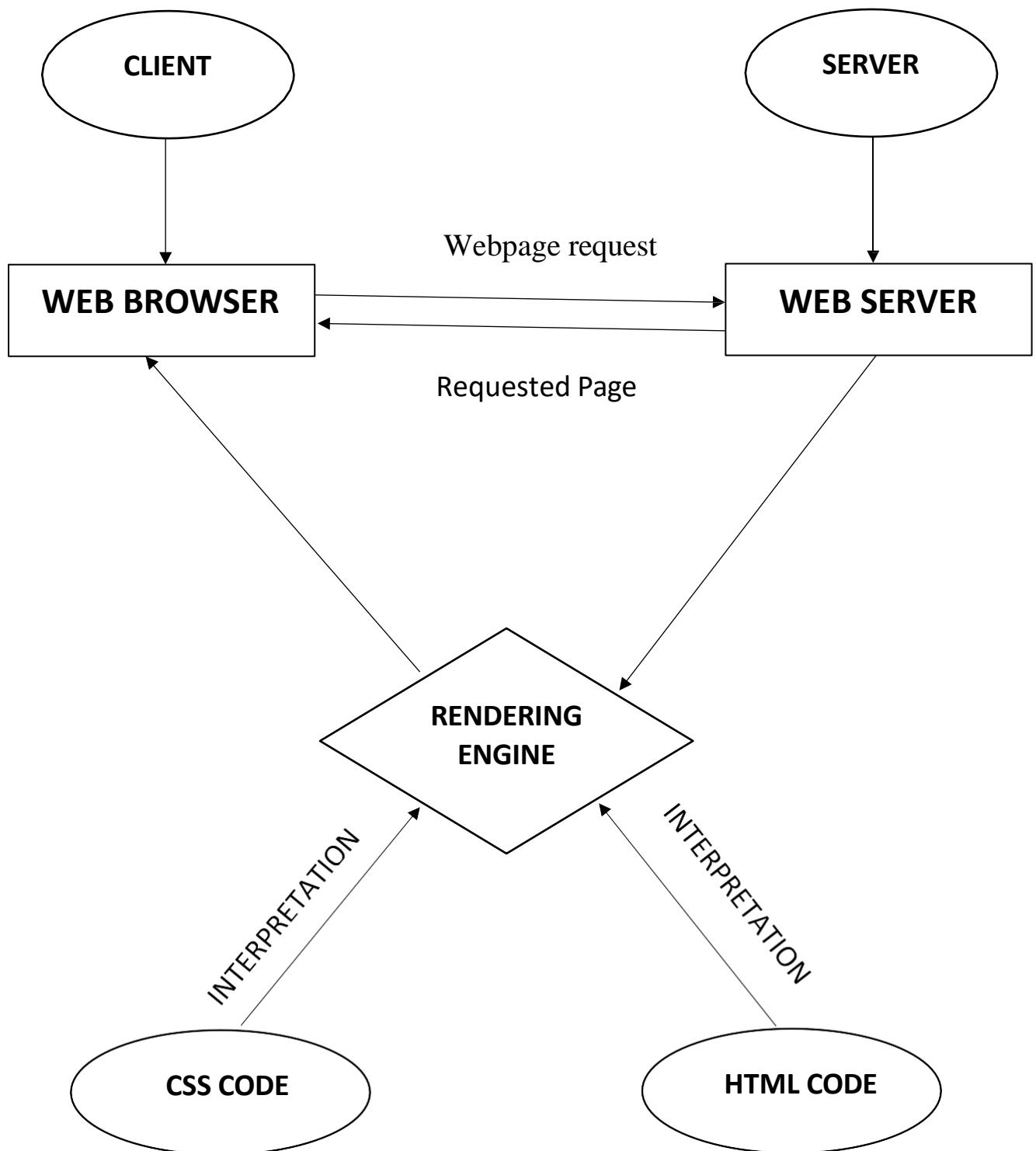
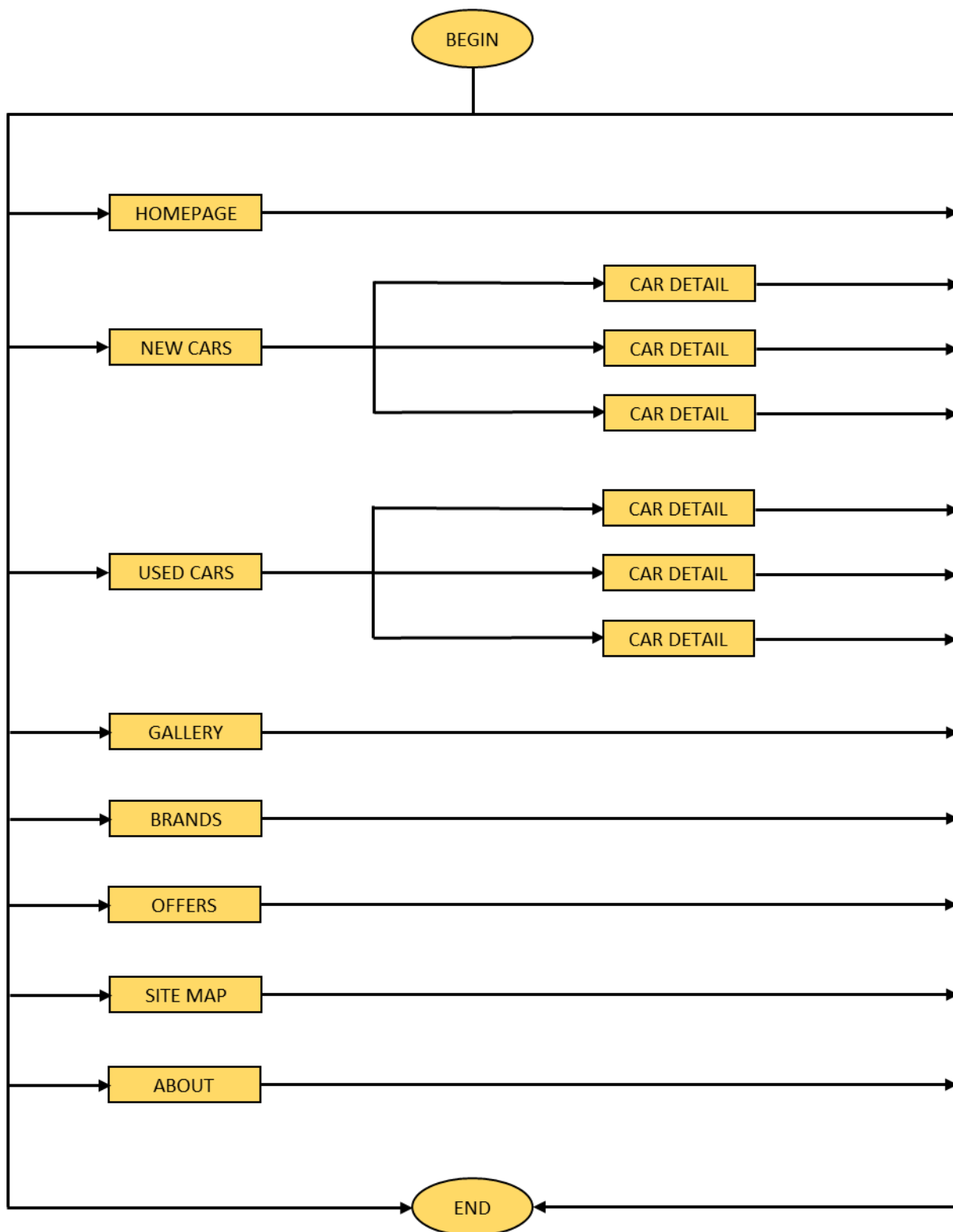
ARCHITECTURE AND DESIGN OF THE SYSTEM

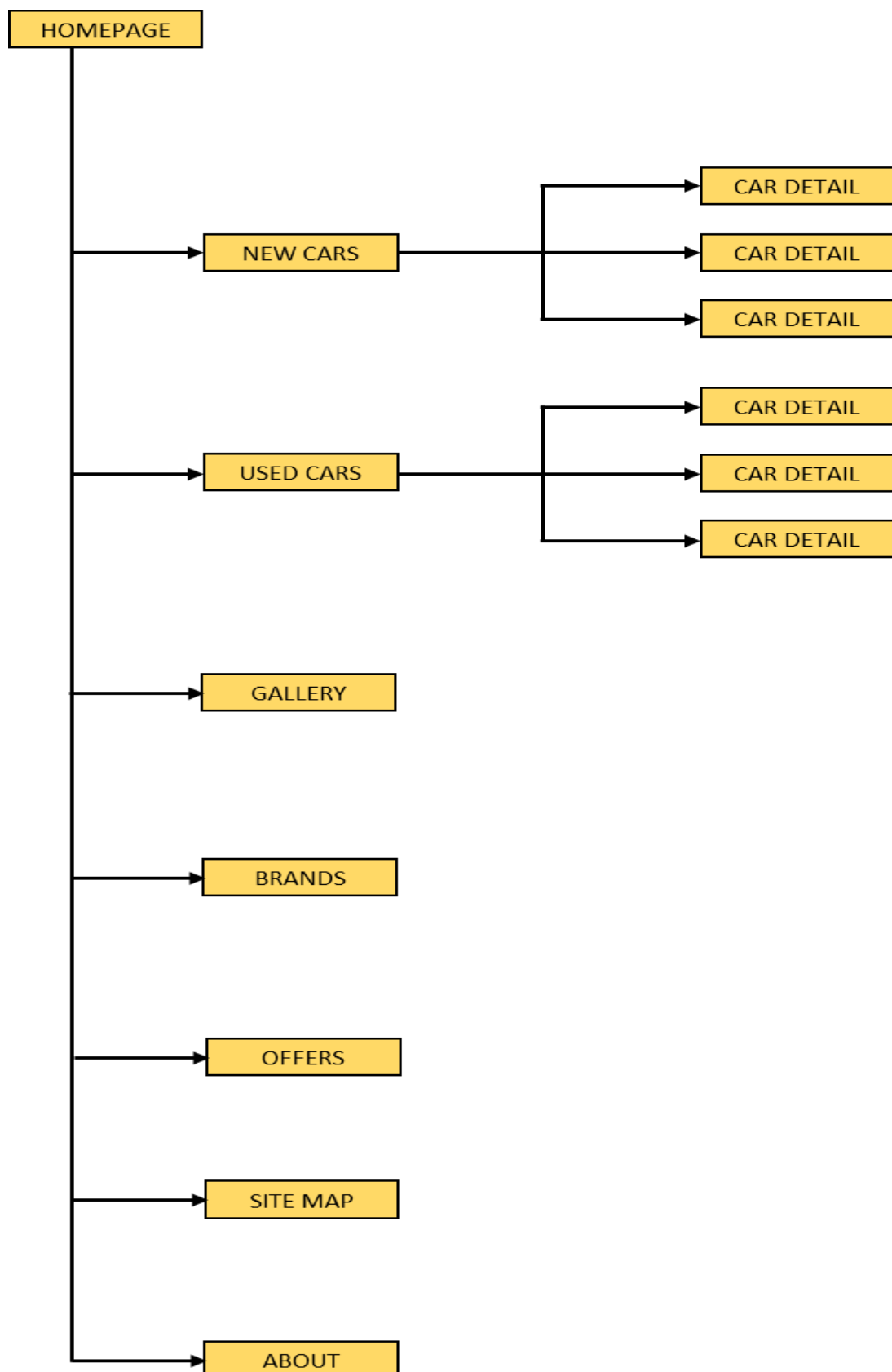
DIAGRAM OF THE WEBSITE

TASK SHEET REVIEW 1

Project Ref. No.: eP/Advertisement Portal Management System/01		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Synopsis	Car Breezy	Loc	14/09/24	1	Loc	Completed
2	Analysis			14/09/24	1	Thu	Completed
3	The scope of the work (in brief)			14/09/24	1	Anh	Completed
4	Architecture and design of the system			14/09/24	1	Loc	Completed
5	Diagram of the website			14/09/24	1	Thu	Completed
6	Task Sheet Review			14/09/24	1	Anh	Completed

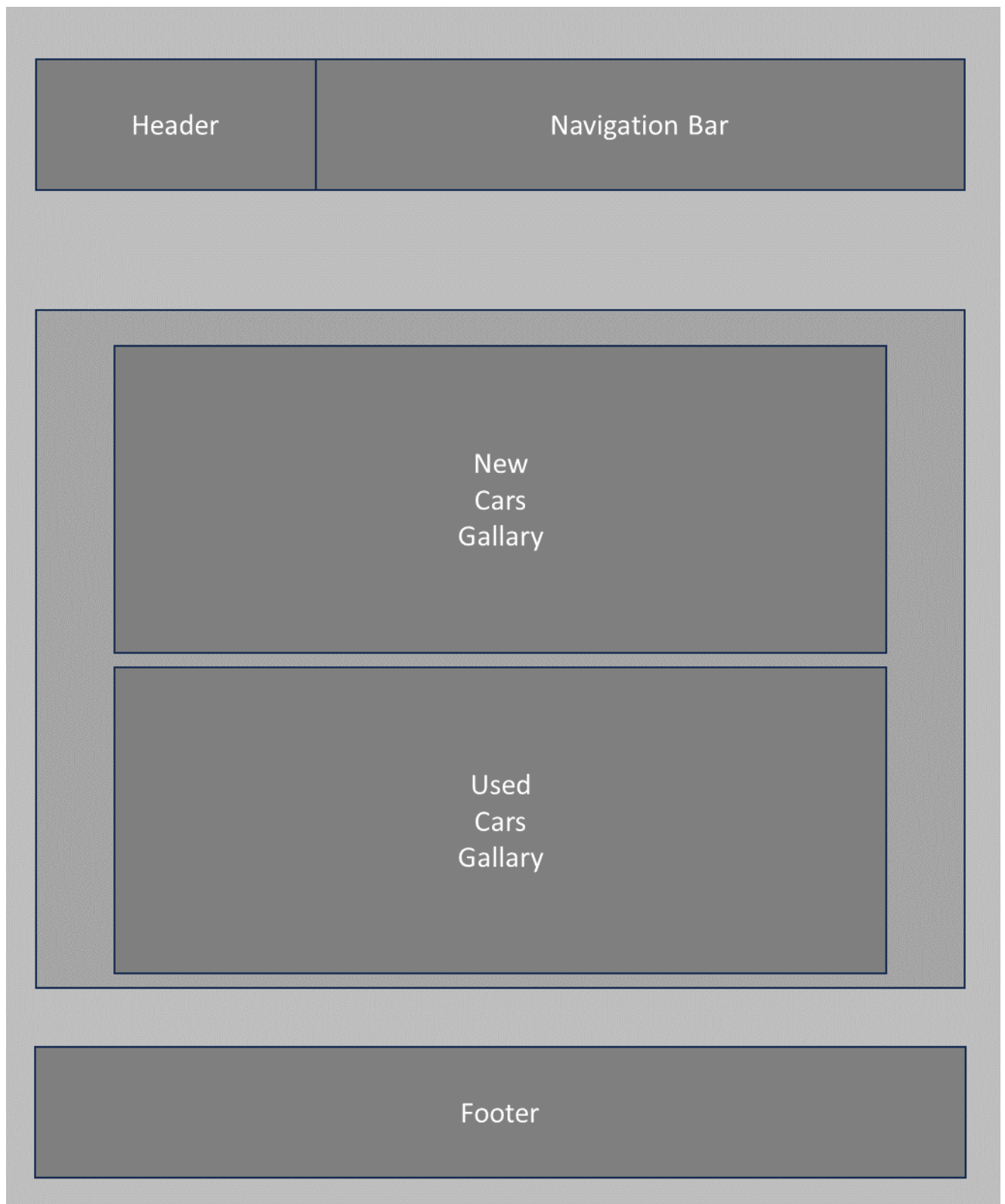
Date:	
Signature of Instructor:	Signature of Team Leader:
Le Mong Thuy	Nguyen Tran Duc Loc

SITE MAP

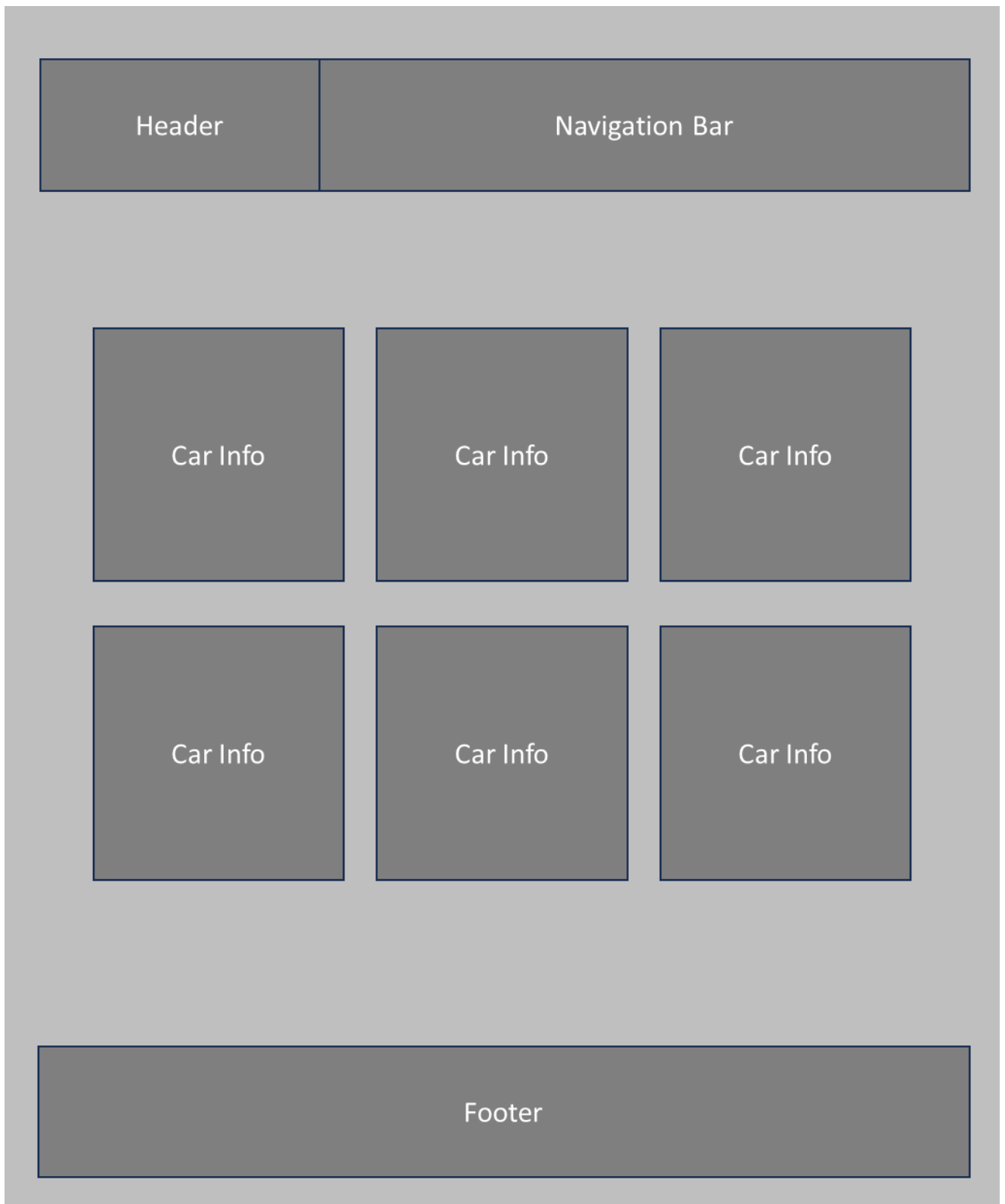


MOCK OF THE WEBSITE

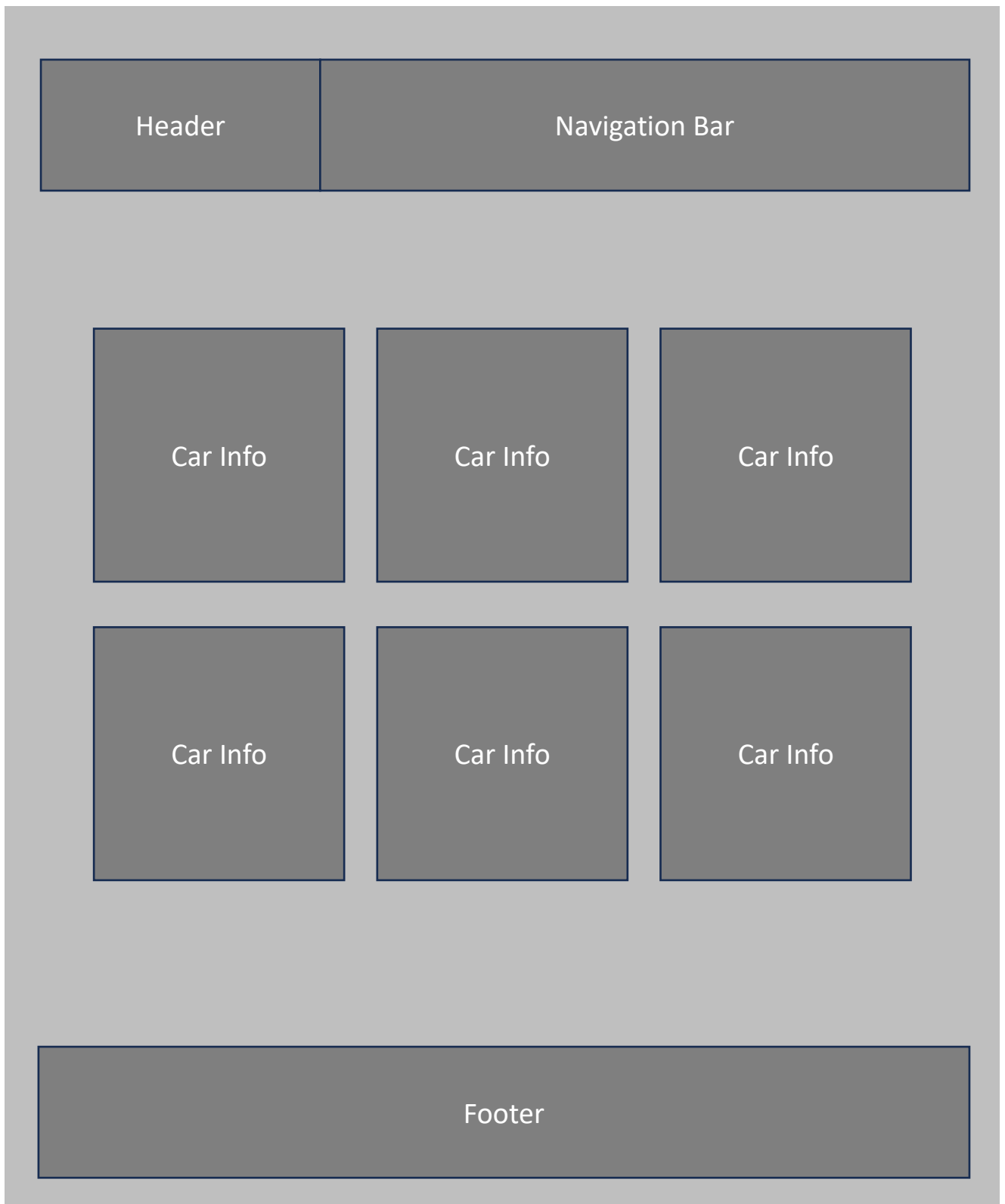
1. Homepage



2. New Cars



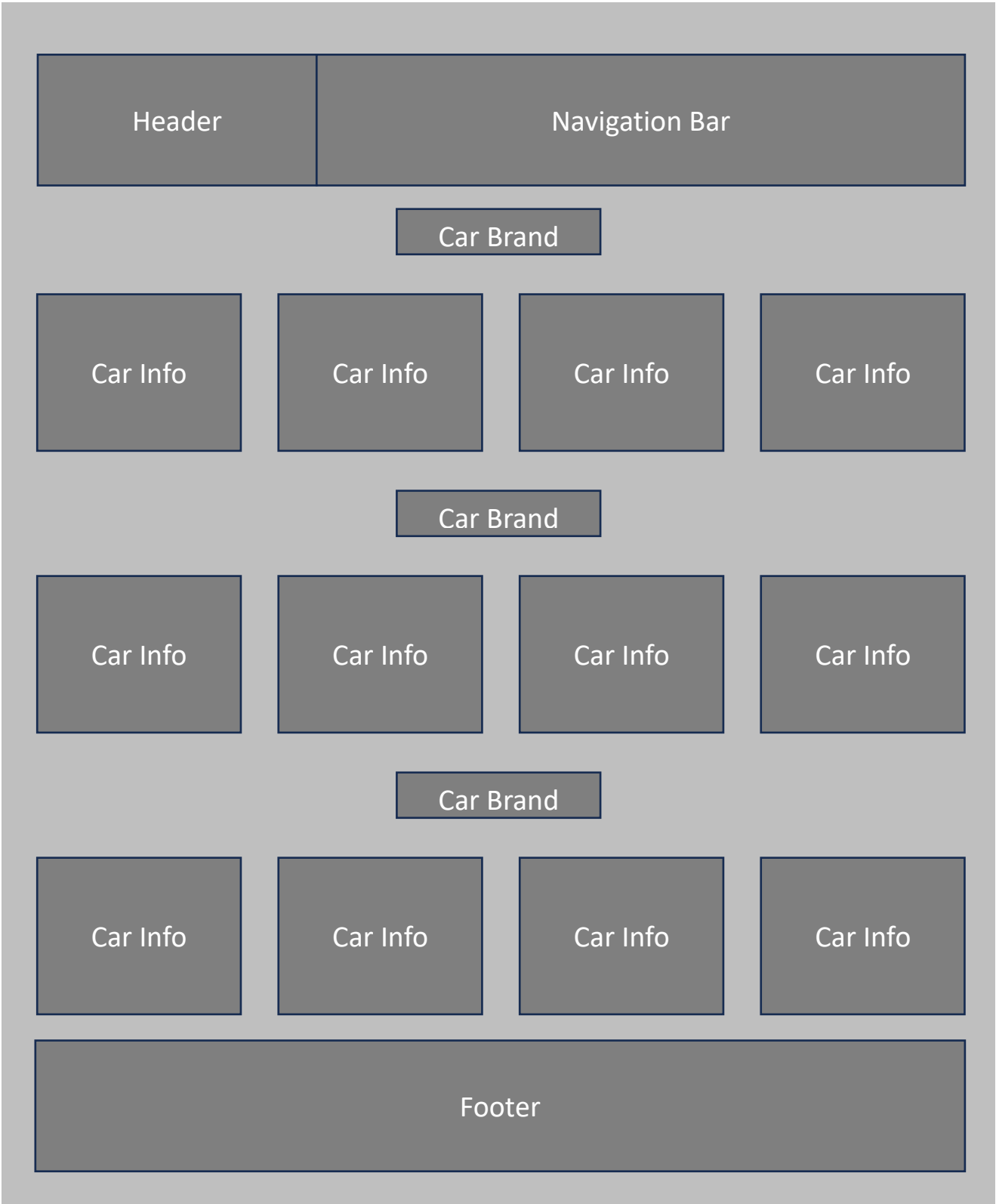
3. Used Cars



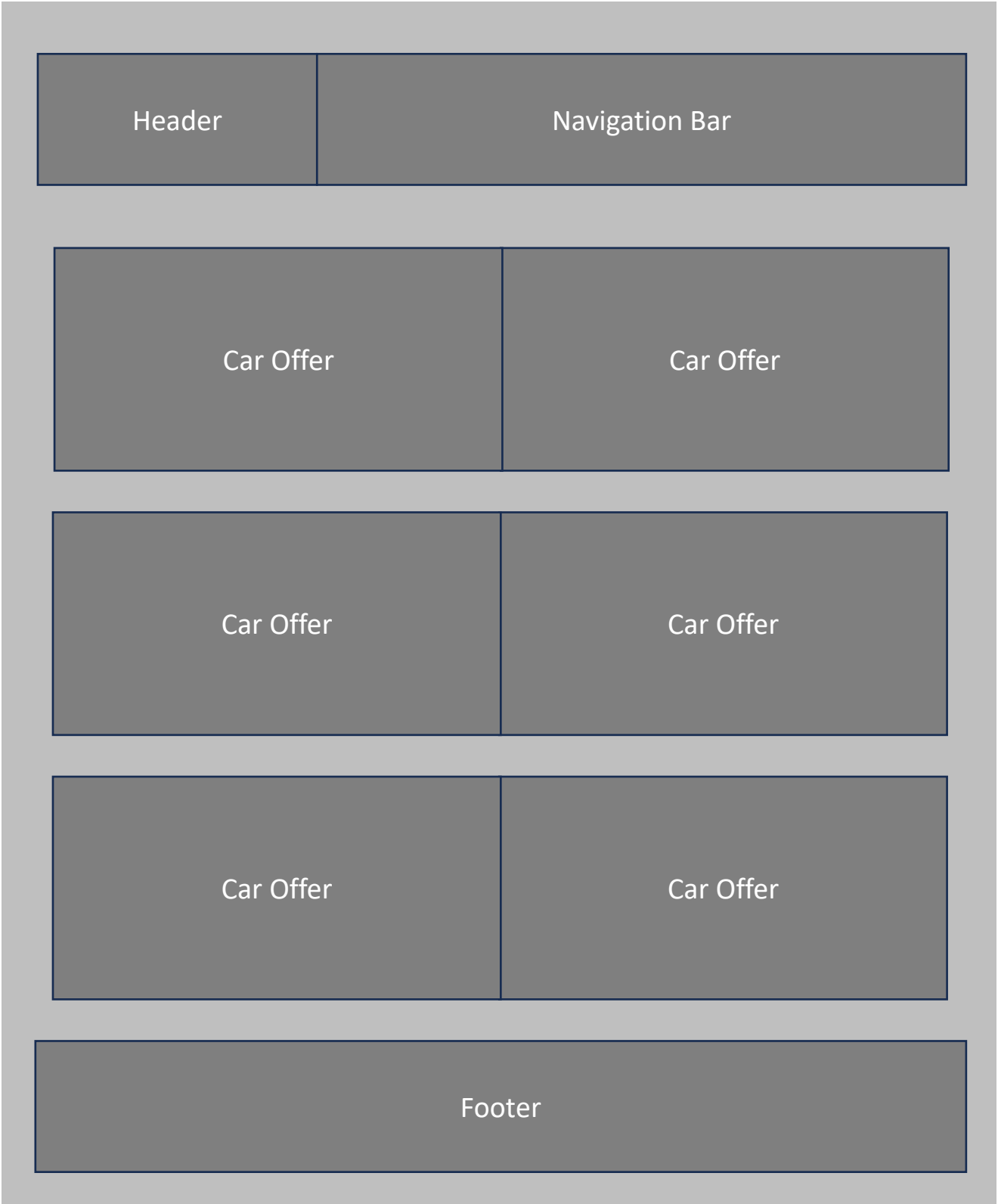
4. Gallery



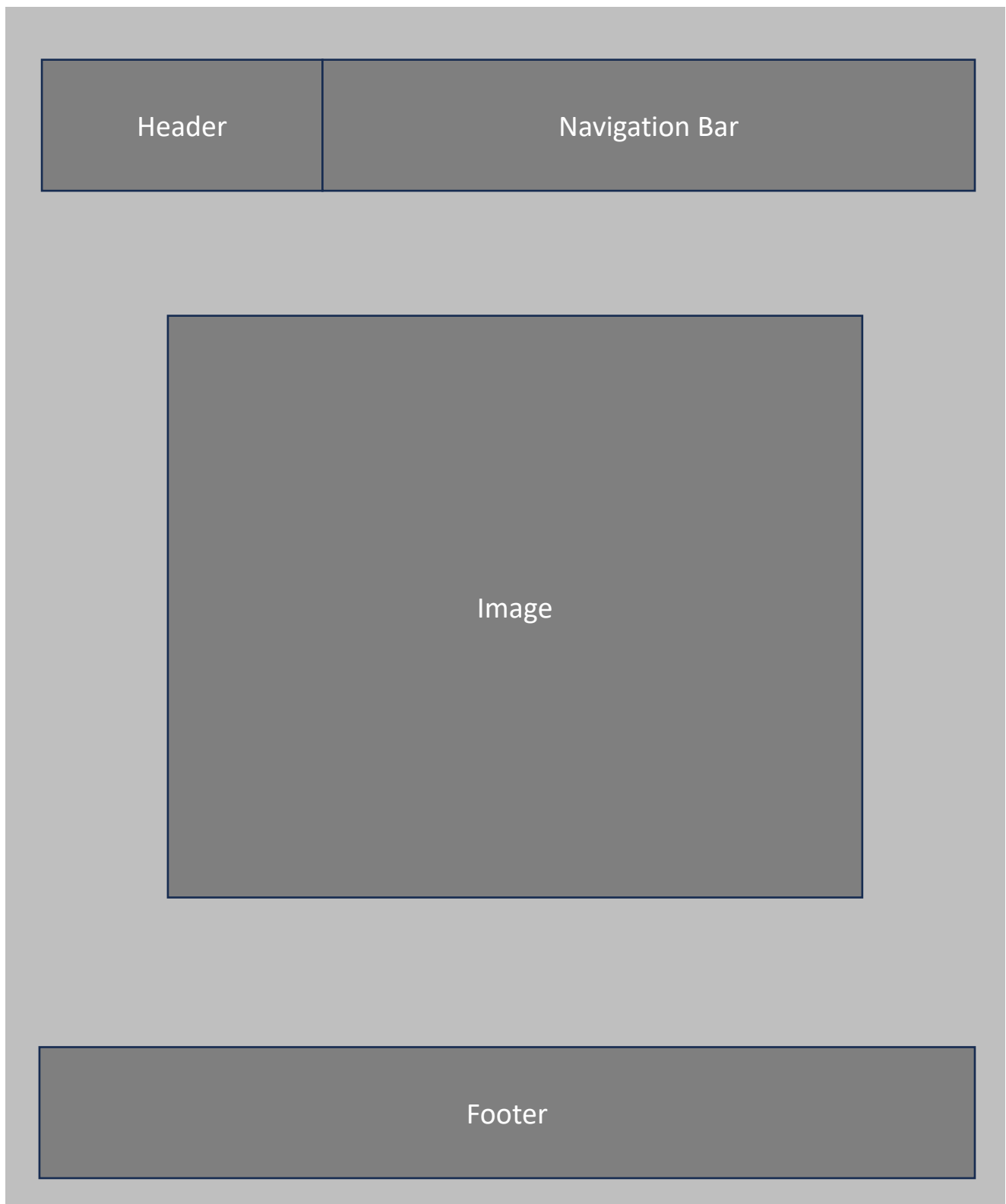
5. Brands



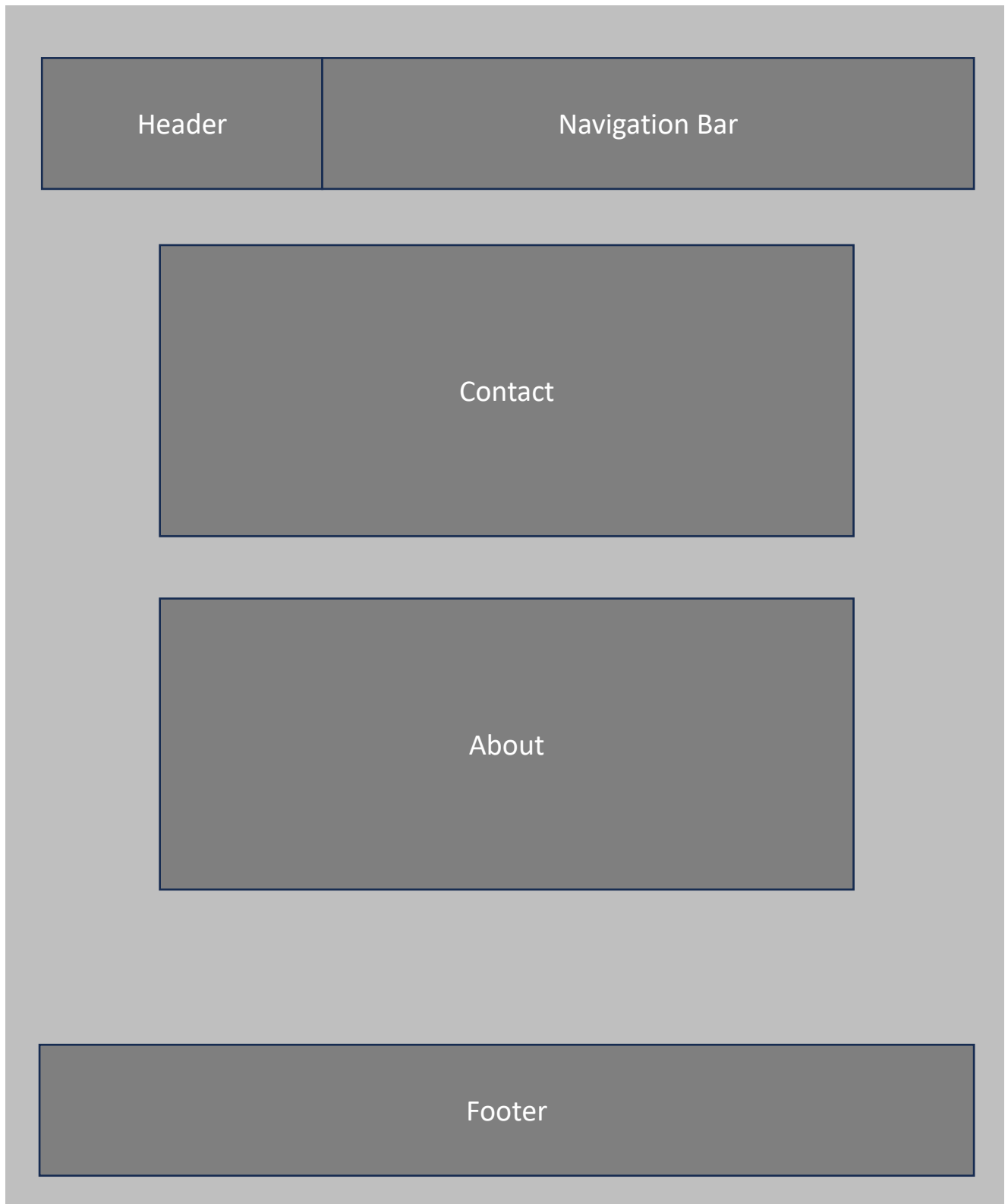
6. Offers



7. Site map



8. About



TASK SHEET REVIEW 2

Project Ref. No.: eP/Advertisement Portal Management System/01		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Site map	Car Breezy	Loc	17/9/24	1	Thu	Completed
2	Mock of website			17/9/24	1	Loc	Completed
3	Task Sheet Review			17/9/24	1	Anh	Completed

Date: 17/09/2024

Signature of Instructor:

Ms. Le Mong Thuy

Signature of Team Leader:

Nguyen Tran Duc Loc

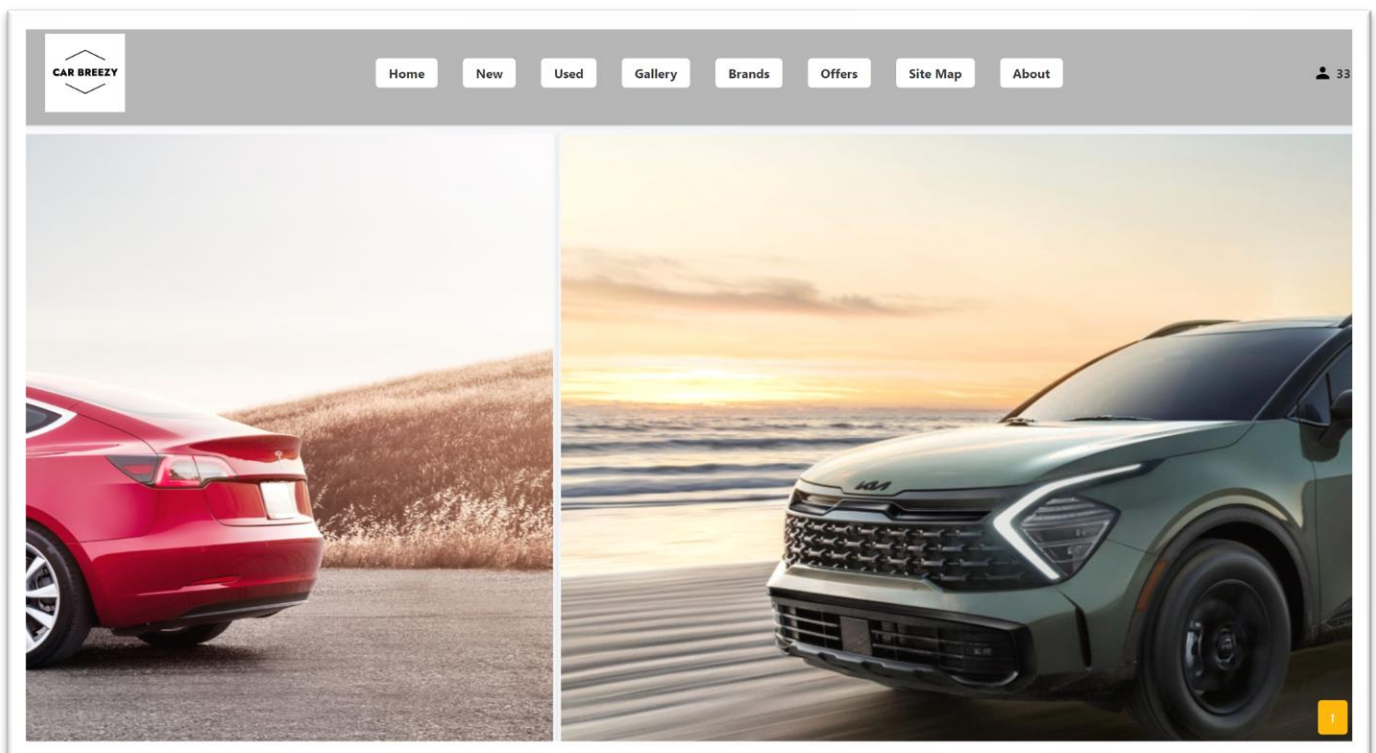
WEBSITE DESCRIPTION

1. Homepage

a) Description:

- This is a website programmed about CarBreezy, and here are some detailed guideline for using the website.

b) Screenshot:

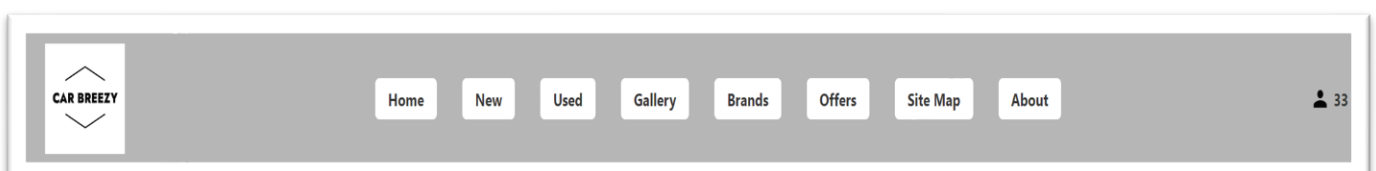


Header:

a) Description:

- This section will be on top of all pages of the website.
- From here users can easily jump into any categories at any time or return to the homepage by clicking on the name of the elements in the menu which they are interested in.
- Clicking on the according buttons will take you to the named sites.

b) Screenshot:

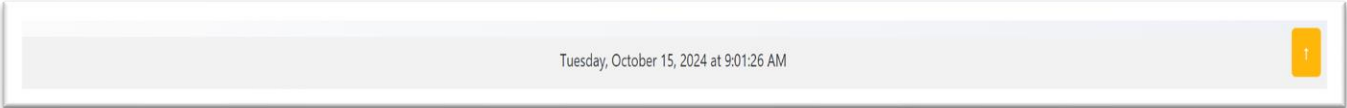


Footer:

a) Description:

- This section will always be at the bottom of all pages of the website.
- The section will show all the date and time at the time logging in and on the right side will always have to scroll to top arrow.

b) Screenshot:

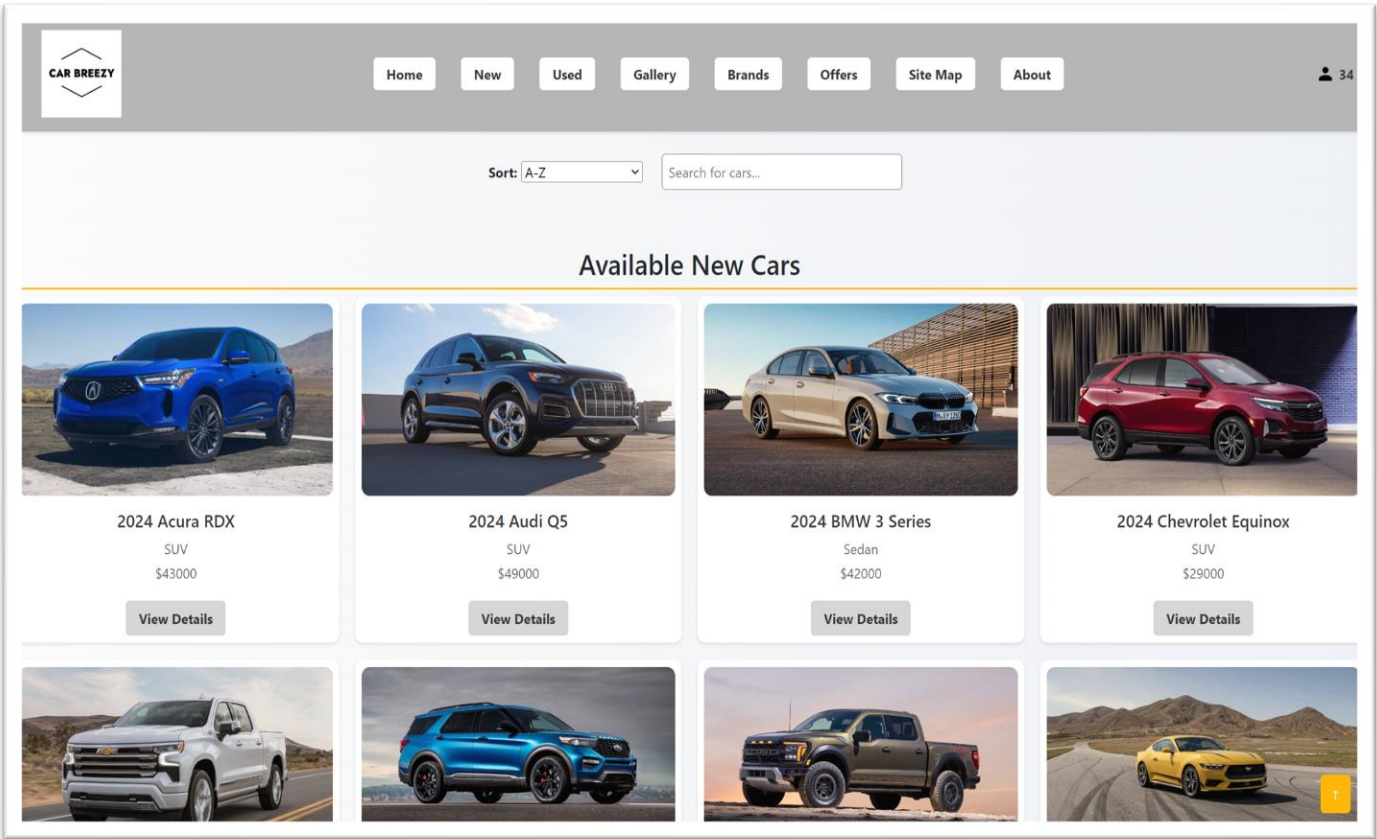


2. New cars

a) Description:

- This page includes all the new car listings from a variety of brands with lots of prices to choose from. When clicking on the view detail button, a new page consists of the exterior and interior images and specific details of the corresponding cars.

b) Screenshot:

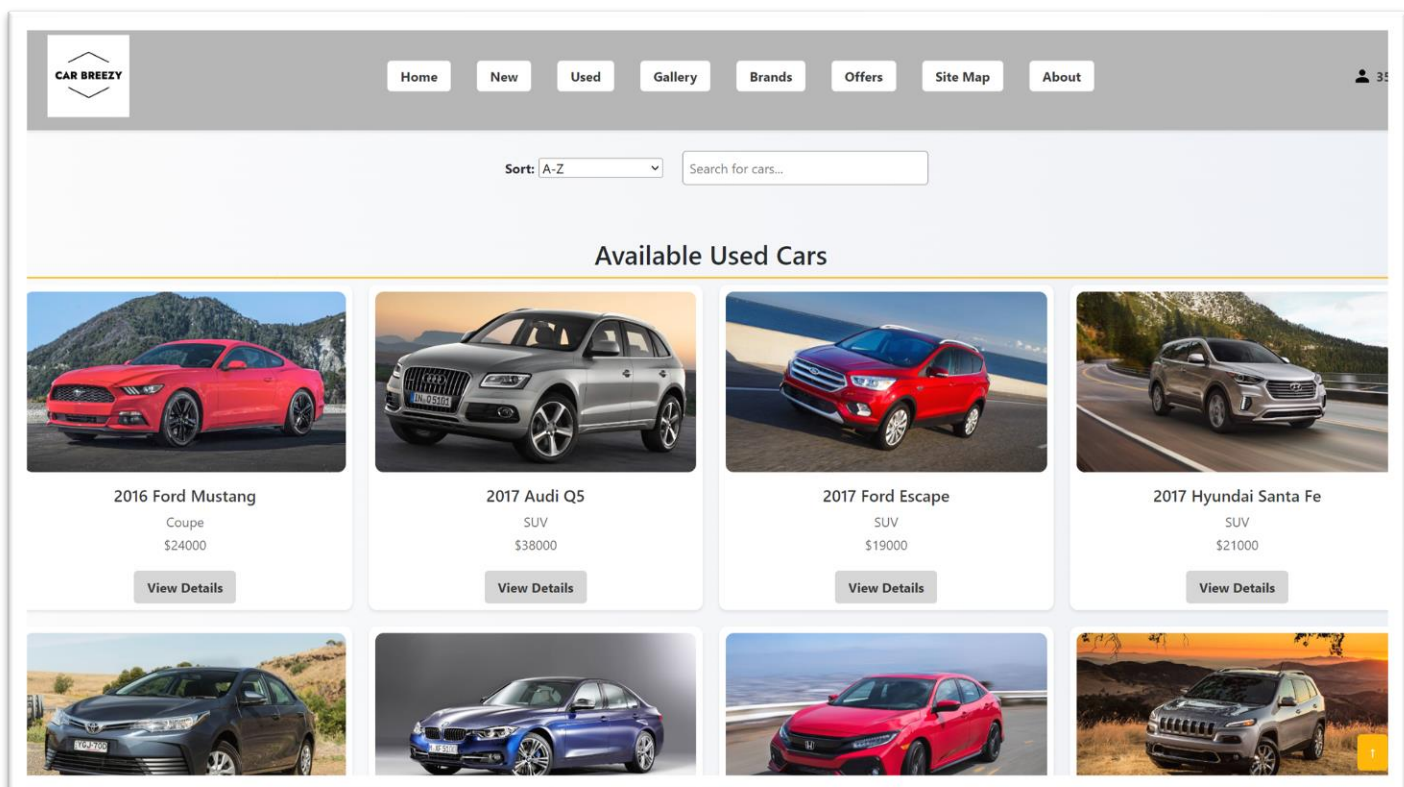


3. Used Cars

a) Description:

- This page includes all the used car listings from a variety of brands with lots of prices to choose from. When clicking on the view detail button, a new page consists of the exterior and interior images and specific details of the corresponding cars.

b) Screenshot:

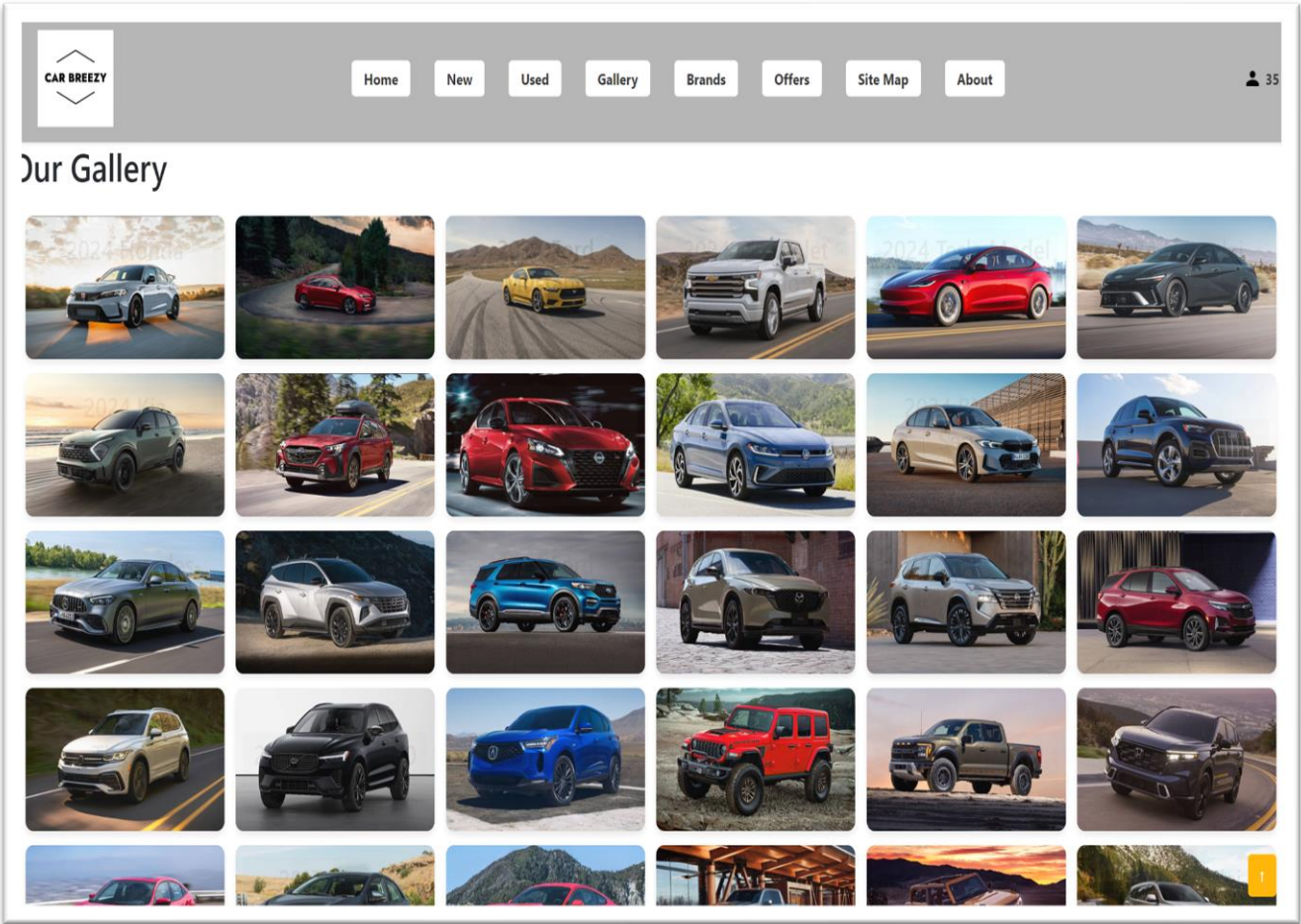


4. Gallery

a) Description:

- This page consists of all the cars available of our gallery. When clicking on any of the car, the detail page of that car will appear.

b) Screenshot:

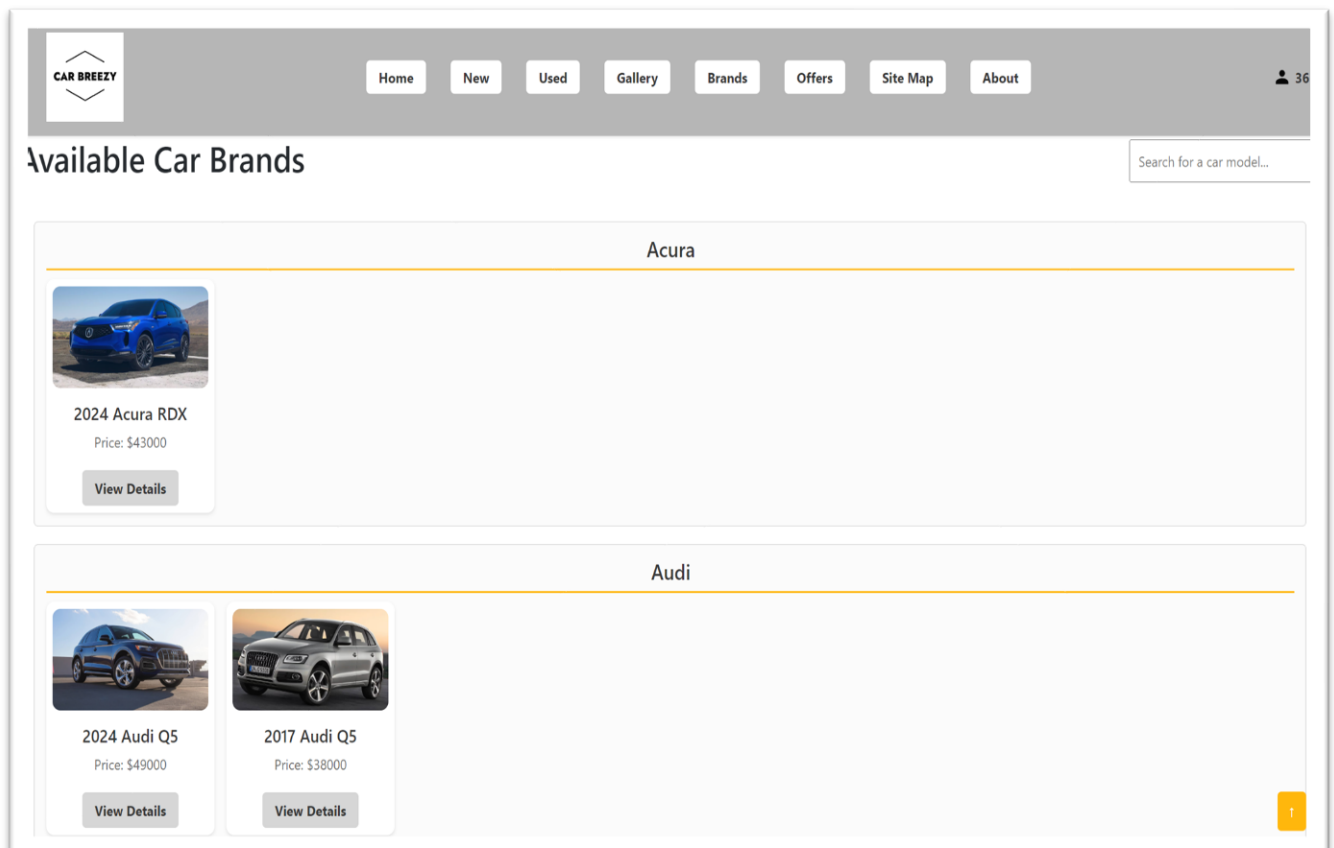


5. Brands

a) Description:

- This page consists of all the cars available but they are sorted according to their brands

b) Screenshot:

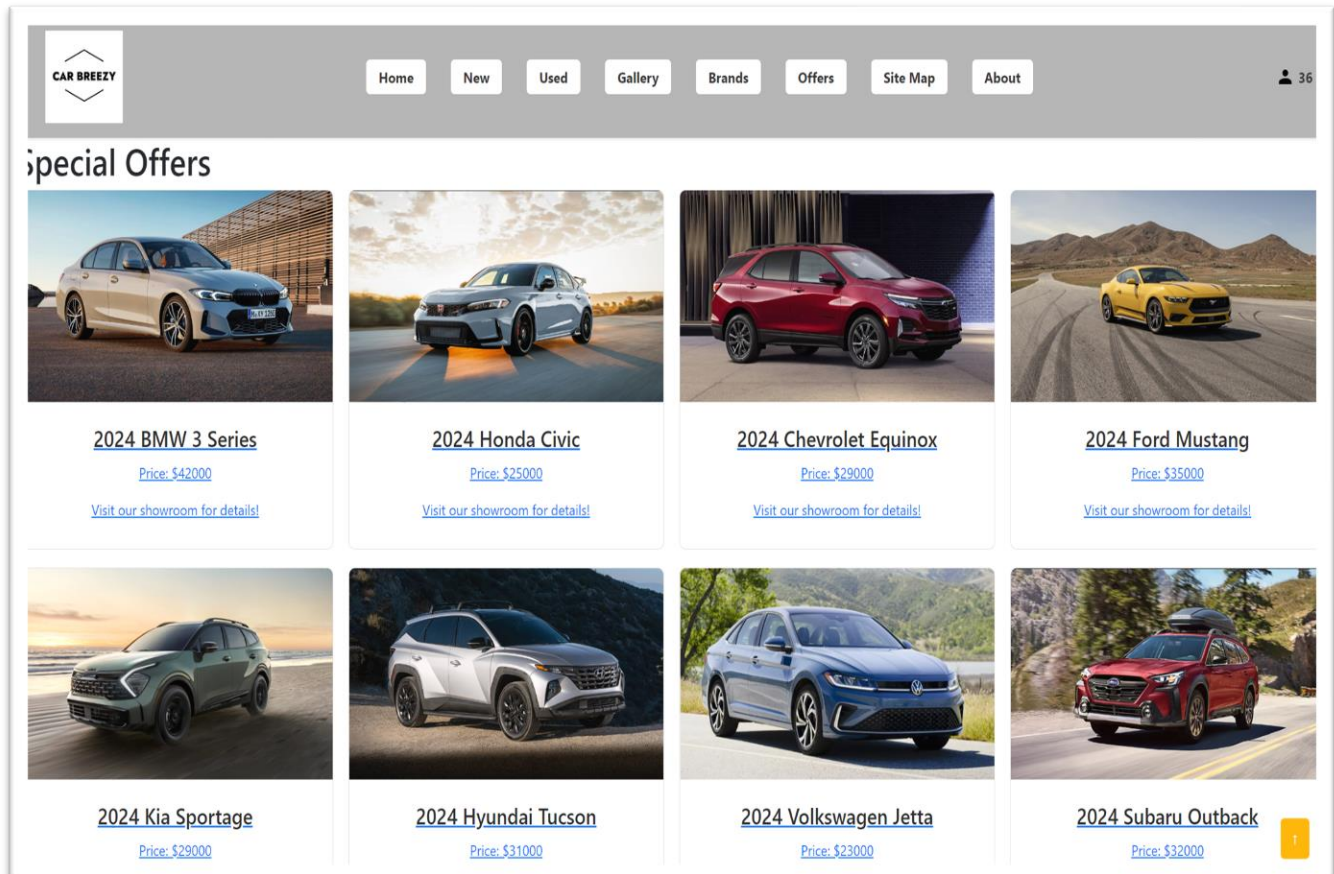


6. Offers

a) Description:

- This page shows all the current cars which are on promotion or on sales

b) Screenshot:

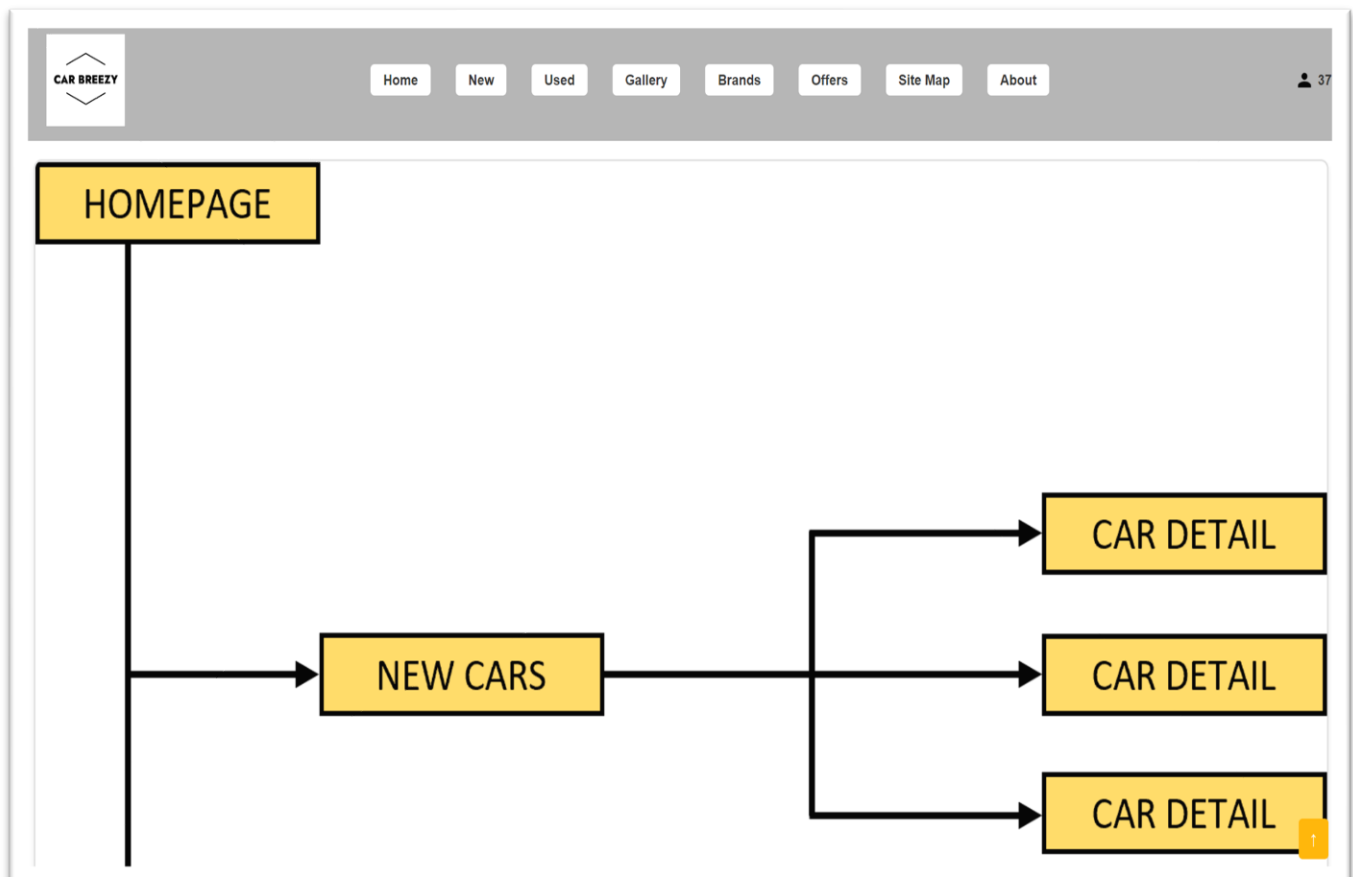


7. Site map

a) Description:

- This page consists of the image of our project's site map.

b) Screenshot:

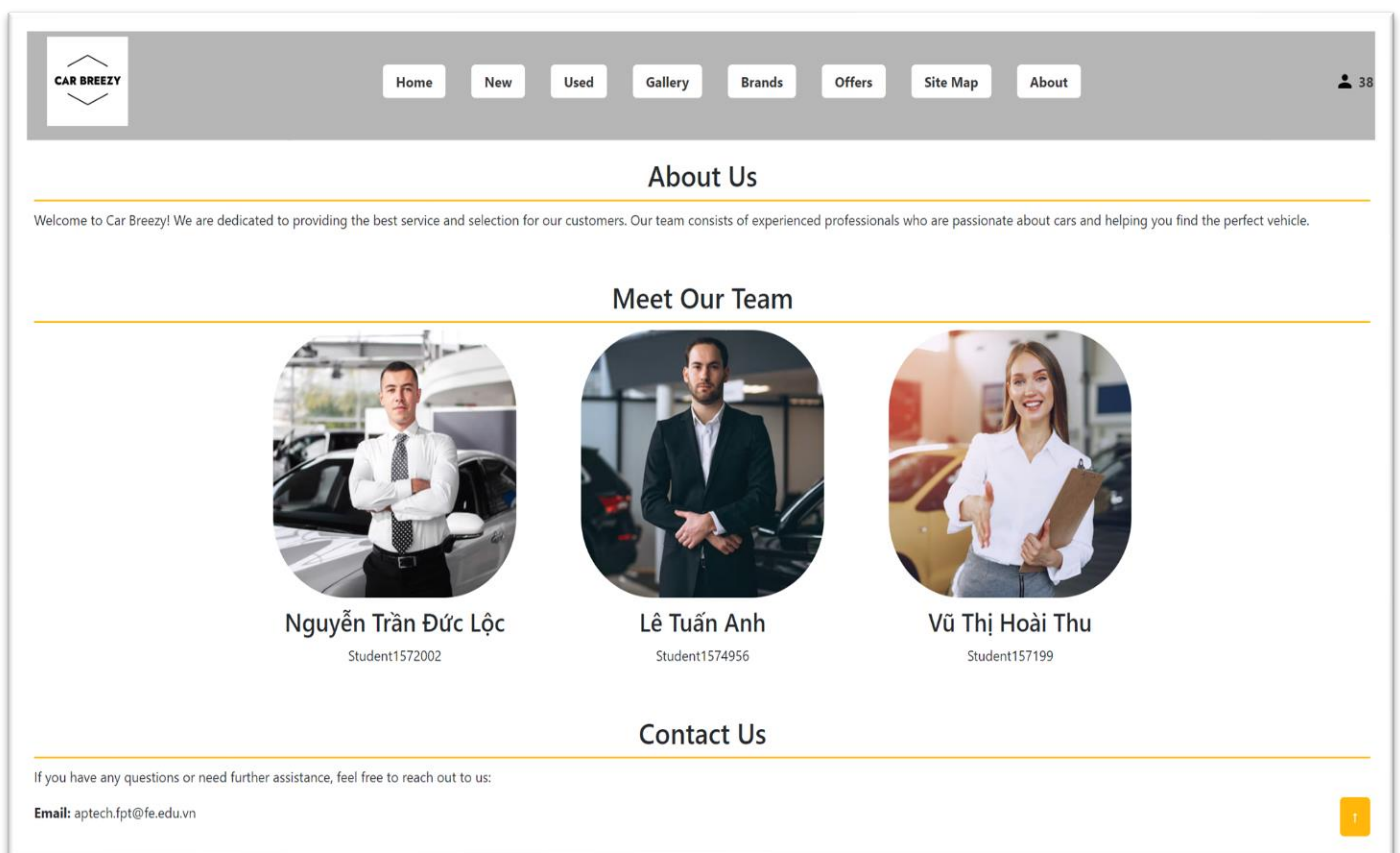


8. About

a) Description:

- This page consists of all the members who participate in the website-creating process, along with the contact information of the academy with the embedded map that shows the academy's location.

b) Screenshot:



TASK SHEET REVIEW 3

Project Ref. No.: eP/Advertisement Portal Management System/01		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Home	Car Breezy	Loc	1/10/24	3	Loc	Completed
2	New Cars			1/10/24	3	Anh	Completed
3	Used Cars			1/10/24	2	Thu	Completed
4	Gallery			1/10/24	3	Loc	Completed
5	Brands			1/10/24	3	Thu	Completed
6	Offers			1/10/24	3	Anh	Completed
7	Site map			1/10/24	3	Loc	Completed
8	About			1/10/24	3	Loc	Completed

Date:

Signature of Instructor:

Ms. Le Mong Thuy

Signature of Team Leader:

Nguyen Tran Duc Loc