

GetWheelz.com

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Topics

01 Introduction

Timeline | Use Cases | Challenges | Features

02 Design

Design Principles | Wireframes | Mockups | Final Prototype

03 Demonstration

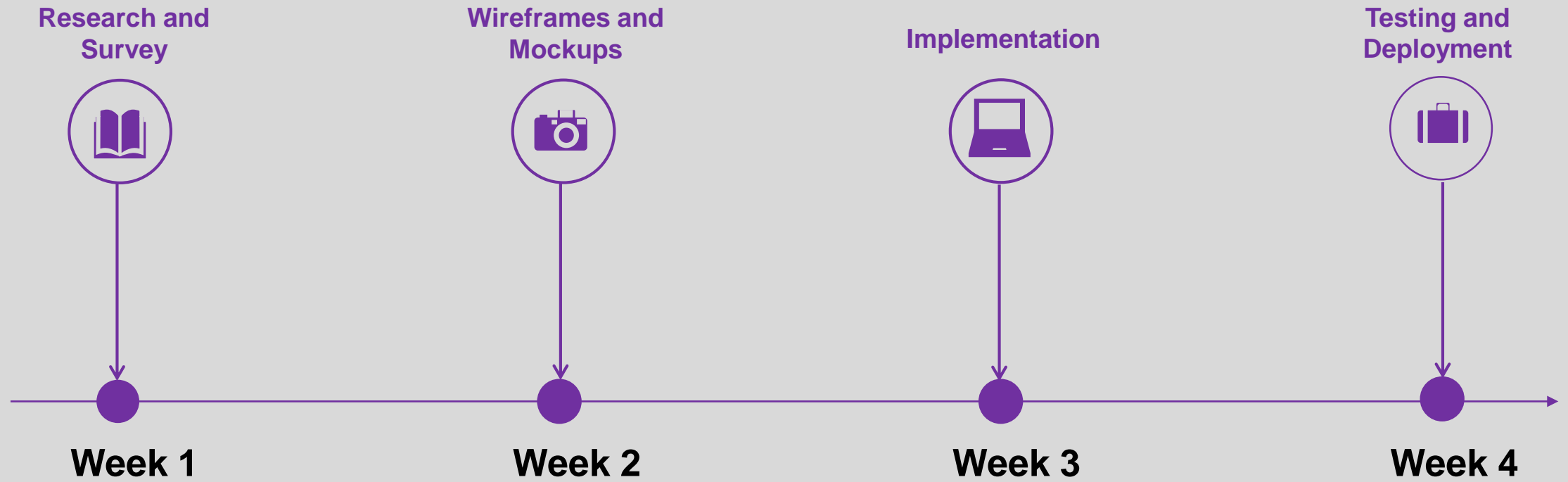
Hands-On | Response Times

04 Conclusion

Usability Testing | Lessons Learned

01. INTRODUCTION

TIMELINE



USE CASES

Use Case 1

As a
Regular User,
I want to find
detailed information
about cars, because
I want to find a car
well suited to my
needs.

Use Case 2

As a
Car Enthusiast,
I want to find
Information about
any car
in the world under a
single domain,
because **switching**
websites for
different cars can be
tedious.

Use Case 3

As a
Car Vendor,
I want to find
information
about cars from
different
Manufacturers and
Models, because I
want to
target my sales
towards specific car
market

CHALLENGES



Gathering uniform parametric data

Gathering data for several car manufacturers and its models with respect to the similar parameters was a challenge and included a thorough research in some cases.



Selecting the color scheme

Selecting a color scheme that would fulfill the needs of all when it comes to accessibility by visually impaired users was a tough decision. However, the color should also suit to the domain of the website and involved several judgmental factors like the ambience, contrast and the mood.



Website navigation

Our goal was to design a website for all categories of users – amateurs to enthusiasts. And in order to fulfill the usability requirements, we had to come up with an optimal flow of navigation within the website.

FEATURES



Search

Search a complete database of cars in a single place



Visually Disabled Friendly

The use of Aria Labels makes this website suitable to also be used by Visually Disabled users



Advance Search Options

Filter out your results by various parameters



Car Specifications

Enormously detailed information about every car, with respect to uniform parameters

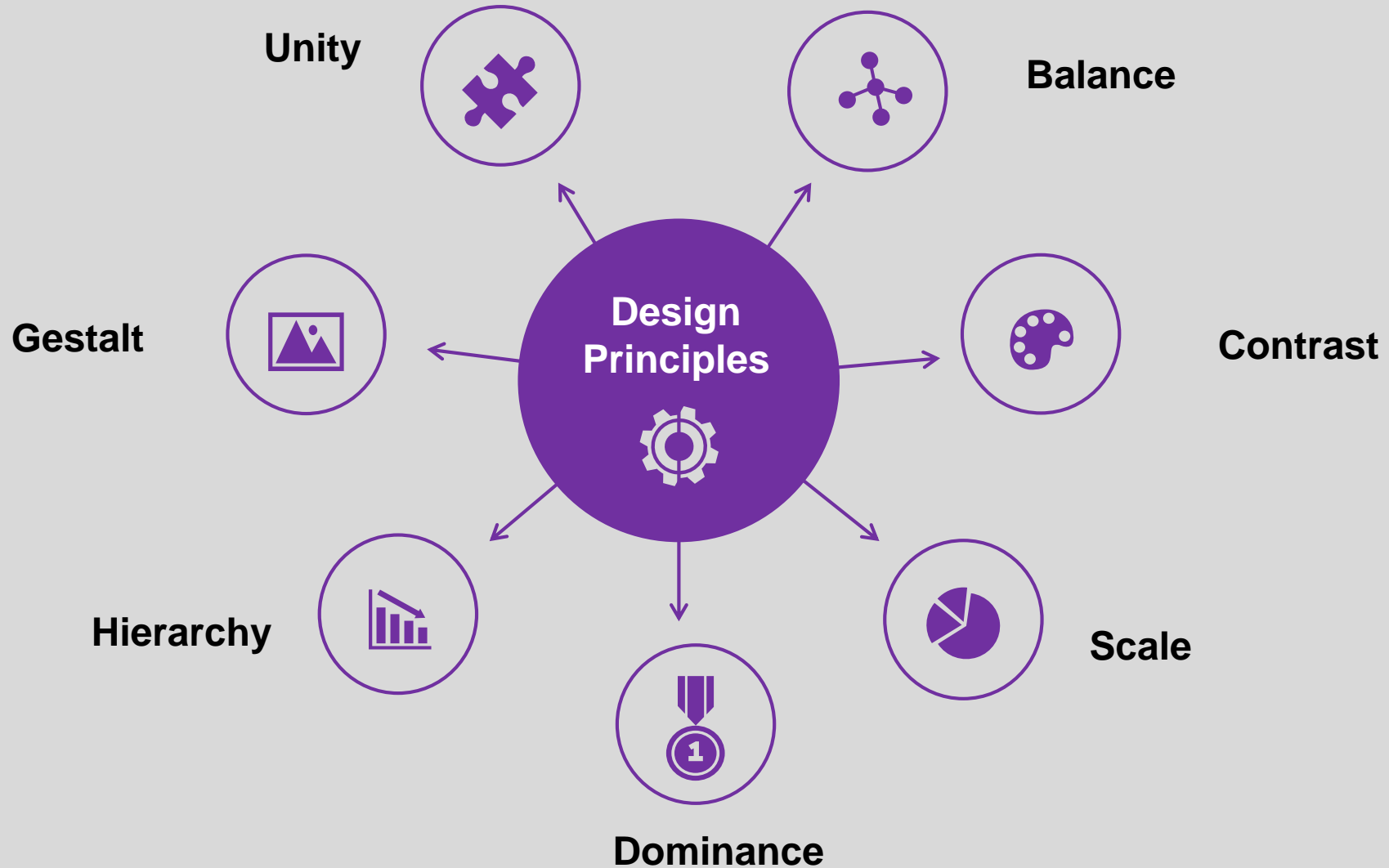


Car Categories

The flow of the website follows a categorized representation for ease of access to the user

02. DESIGN

DESIGN PRINCIPLES





Get Wheels

Login Register

Click this to popup 01a

Click this to popup 01b

Here the user can type whatever he wants to search

Clickable button to take you to 02

Search

Advanced Search

Clickable to show the panel below

Advanced Search

Type of car

Brand

Number of doors

Model

Color

Year

This is hidden and is only shown if "Advanced Search" is clicked

Get Wheels

Login

Email

Password

Login

Search

Advanced Search

Type

Number of

Get Wheels

Search

Advanced Search

Register

First Name

Last Name

Email

Password

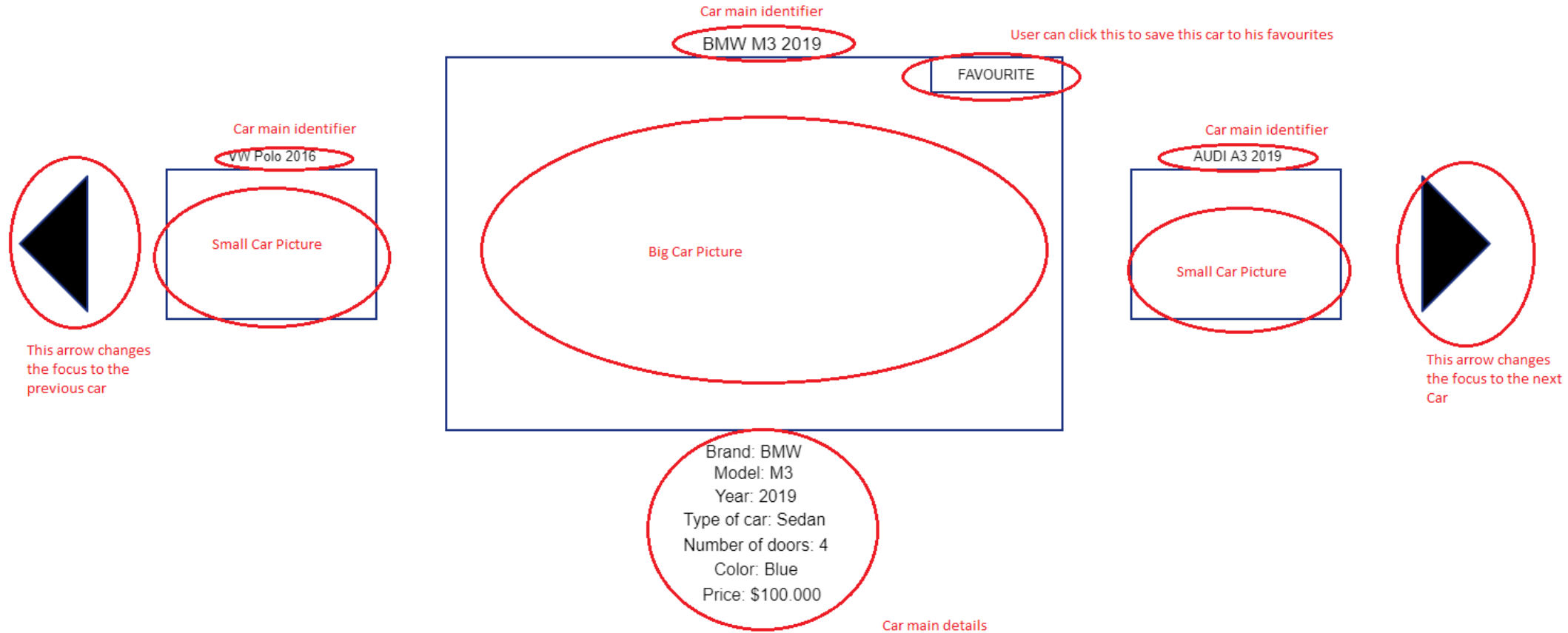
Repeat Password

Register

Type

Number of

Get Wheels



Get Wheels

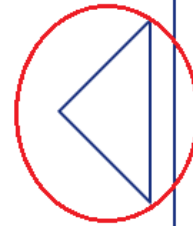
BMW M3 2019

Main identifier of the car

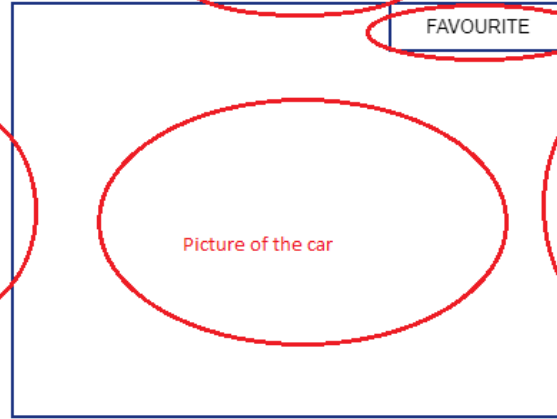
FAVOURITE

Click here to add the car to the user favourites

This arrow will show the previous picture



Picture of the car



This arrow will show the next picture of the car

Brand: BMW
Model: M3
Year: 2019
Type of car: Sedan
Number of doors: 4
Color: Blue
Price: \$100.000
Motor: 3.0L
Rims: 10
Kms: 3.000
AC: Yes
Spare Wheel: Yes
Transmission: 5-speed
Wheelbase: 2.700 mm

All car specs

Click here to go back to the search results 02

BACK

COMPARE

BUY

Click here so the user can buy the car

Click here to return to the search results and if the user clicks another car it goes to 04



🔍 Enter car name...

Search

Advanced Search ☒

SPORTS

PERFORMANCE

LUXURY

HATCHBACK

SUV

CONCEPT

ELECTRIC

GT

CONVERTIBLE

SearchAdvanced Search ☒

Car Type

Select ▼

Brand

Select ▼

Model

Select ▼

Year

Select ▼

 **SPORTS** **PERFORMANCE** **LUXURY** **HATCHBACK** **SUV** **CONCEPT**

Car Type

Select

Brand

Select

Model

Select

Year

Select

Search

Advanced Search ☒**SPORTS****HATCHBACK****LUXURY****CONCEPT**

Login

Email**Password**[Forgot Password](#)

Login

New to GetWheelz?

Register

Car Type

Brand

Model

Year

Search

Advanced Search

Register

First Name:

Last Name:

Email:

Password:

Confirm Password:

Register

Already have an account?

Login

SPORTS

LUXURY

HATCHBACK

CONCEPT



Mercedes S Class

BMW 3 Series

Ferrari Spyder



320d

\$ 52,000

Year	2017
Car Type	Sedan
No. of Seats	5
0 - 100 Km/H	4.2 seconds
Top Speed	320 Km/H

Add to compare

More Details >>

BMW 3 Series



320d

\$ 52,000

Year	2017
Car Type	Sedan
No. of Seats	5
0 - 100 Km/H	4.2 seconds
Top Speed	320 Km/H
Engine	4 Cylinders
Transmission	Automatic

Ferrari Spyder

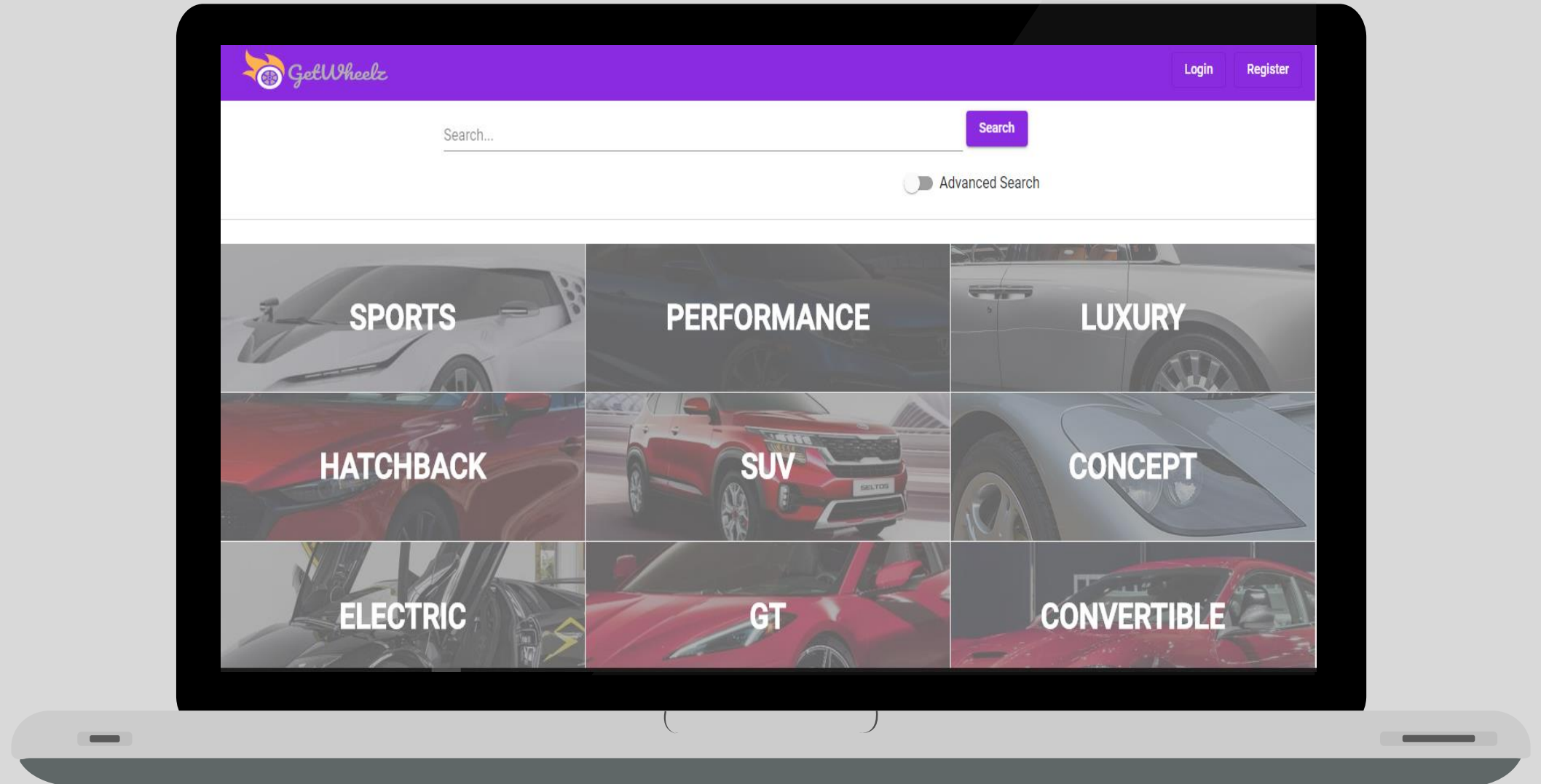


Italia

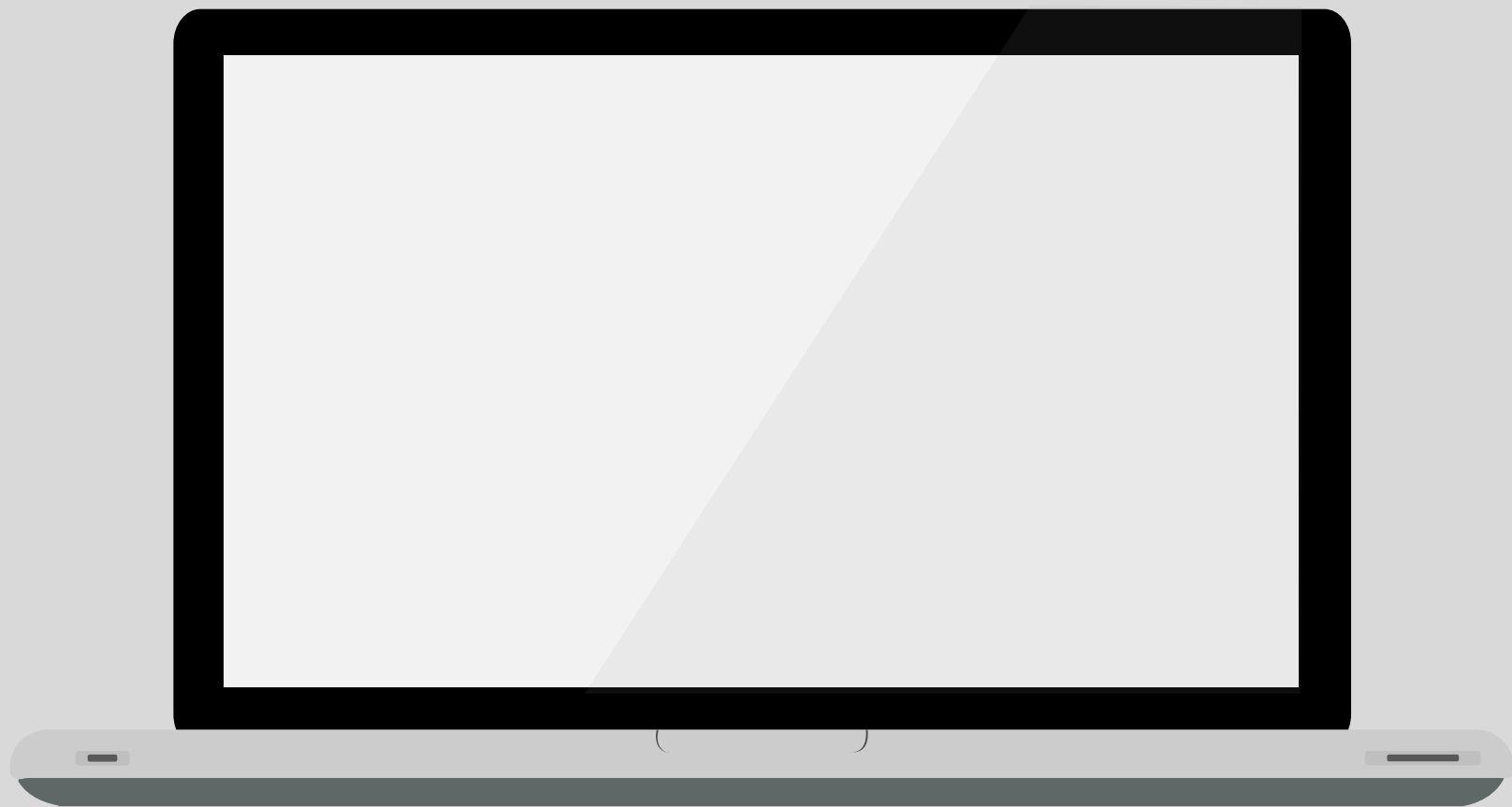
\$ 450,000

Year	2015
Car Type	Sports
No. of Seats	2
0 - 100 Km/H	3.2 seconds
Top Speed	450 Km/H
Engine	8 Cylinders
Transmission	Dual

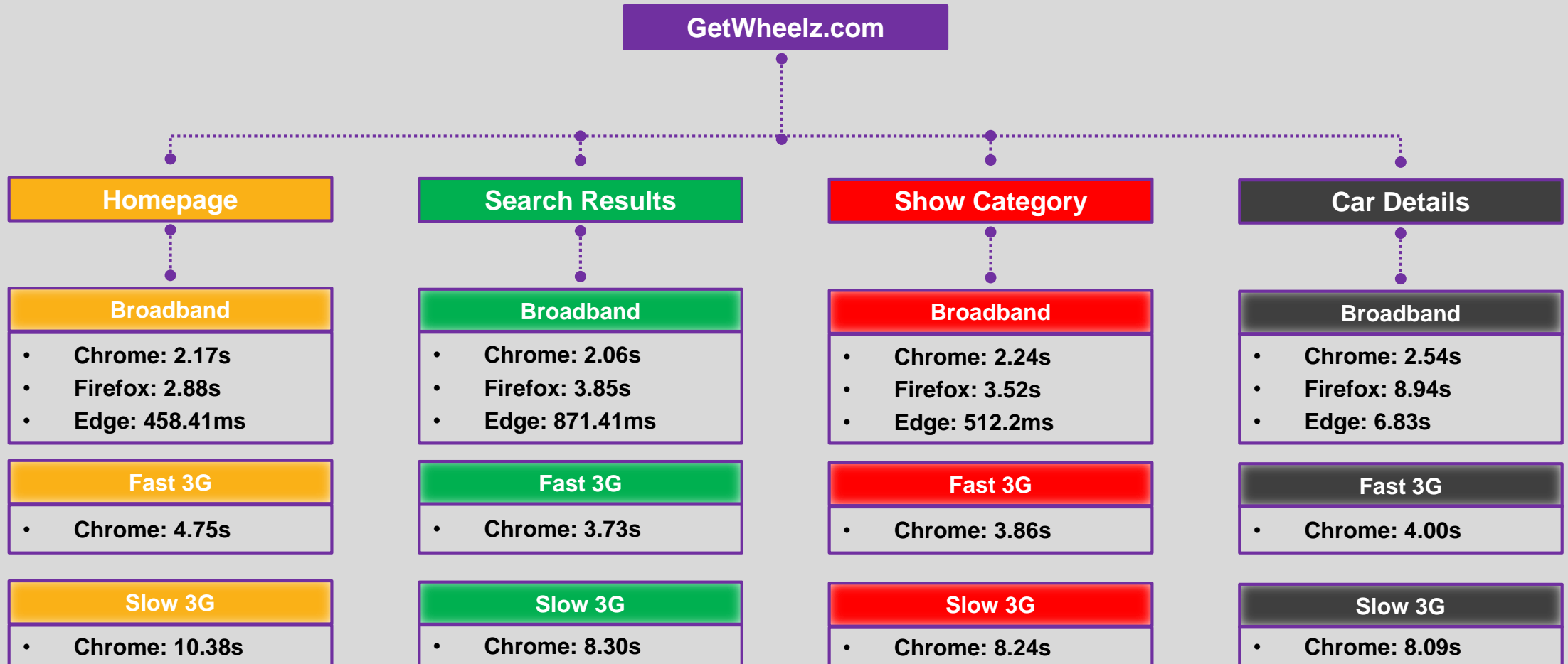
FINAL PROTOTYPE



03. DEMONSTRATION



Response Times



04. CONCLUSION

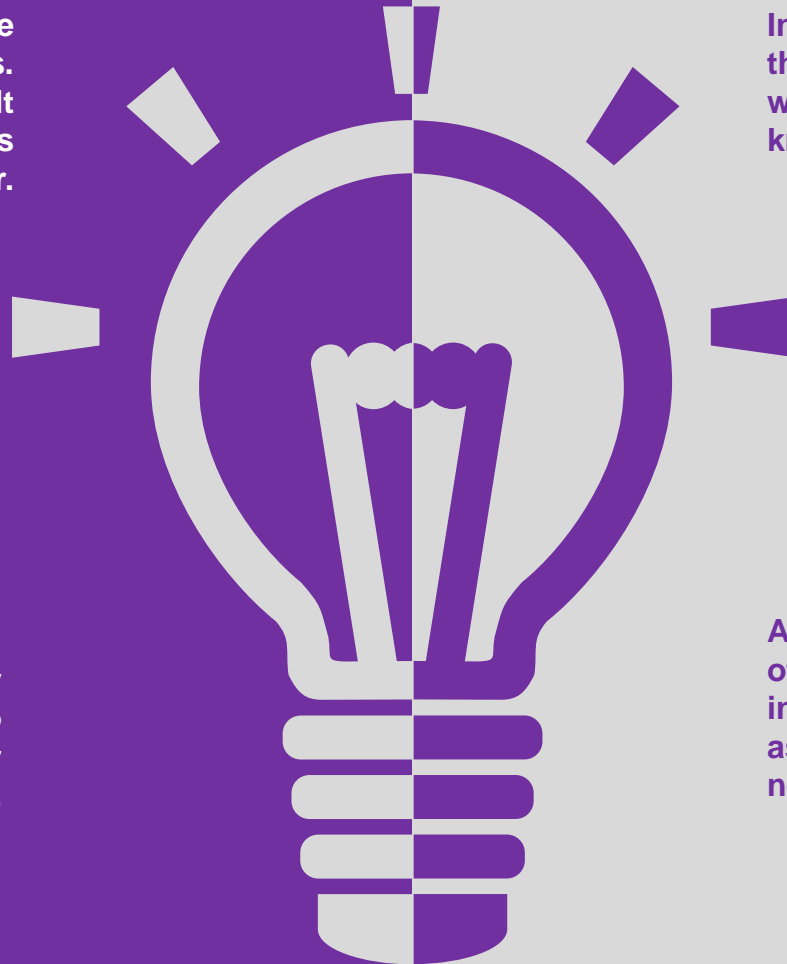
USABILITY TESTING

LESSONS LEARNED

We offered this website to be used by Regular User. Initially the users were able to navigate quite easily and experienced ease of access. However, at the Car Details page, it was difficult for them to understand the detailed parameters related to any kind of a car.

We offered this website to be used by Car Dealer. He found the categorized structure of the website very useful, to find different cars that would appeal to the same demographic.

We offered this website to be used by Car Enthusiast. They appreciated how easy it was to go to the car details that they were looking for and the amount of information given.



In order to make it more understandable for the users, offer details and an abstract that would fit their level of understanding and knowledge base.

A categorized organization of the website offers a simple and analytical view useful not only to professionals, but also to all other types of users who access this website.

A detailed information and an overview page offered segregated views about car information to both the Regular Users as well as Car Enthusiasts, thereby fulfilling the needs of various types of users.

05. REFERENCES

REFERENCES



GitHub link for the project

https://github.com/TheSharmaHimanshu/GetWheelz_Project



Car images and specifications

<https://www.ultimatespecs.com/>

Thank You

Any Questions?!