

PROJECT REPORT

Submitted by

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In partial satisfaction of the requirements for the degree of

**BACHELOR OF TECHNOLOGY
in
COMPUTER SCIENCE ENGINEERING
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**SCHOOL OF COMPUTING
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BONAFIDE CERTIFICATE

Certified that this Project Report titled “**Creating a static website hosting using amazon S3**” is the bonafide work done by NINAAD ARORA (RA21110014) who completed the project under my supervision. Certified further, that to the best of my knowledge the work reported herein does not form part of any other work.

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Problem Statement:

This project aims to address these challenges by developing a robust, efficient, and cost-effective solution for hosting a static website on Amazon S3 while ensuring security, scalability, and ease of management.

Our organization needs a reliable and cost-effective solution for hosting a static website on Amazon S3. We require a straightforward, scalable, and secure approach to serve web content, including HTML, CSS, JavaScript, images, and other assets. The primary objective is to establish an efficient infrastructure for hosting our static website while minimizing operational complexity and costs.

Key Challenges:

1.Website Hosting: Create a setup that allows us to host our static website content on Amazon S3, ensuring high availability and low latency for visitors.

2.Domain Configuration: Configure and manage DNS settings to associate a custom domain name with the S3-hosted website.

3.Security: Implement appropriate security measures, such as bucket policies, access controls, and SSL certificates, to protect the hosted content and user data.

4.Scalability: Design the solution in a way that it can easily accommodate future growth in terms of website content and traffic without significant reconfiguration.

5.Cost Optimization: Optimize costs by leveraging Amazon S3's pricing model and taking advantage of any available cost-saving mechanisms.

6.Content Delivery: Ensure efficient content delivery and performance by utilizing Amazon S3's content distribution capabilities, such as CloudFront.

7.Automation: Implement automation for website deployment and updates, making it easier to manage the static website's content.

8.Monitoring and Analytics: Set up monitoring and analytics tools to track website performance, user engagement, and potential issues.

9.Backup and Disaster Recovery: Establish a backup and disaster recovery plan to safeguard against data loss or downtime.

10.Documentation: Create comprehensive documentation and guidelines for team members to easily manage and maintain the static website hosting solution on Amazon S3.

Modules Of Project:

Infrastructure Setup Module: Create an Amazon S3 bucket to store the website content. Configure the bucket for static website hosting.

Domain Configuration Module: Set up a custom domain name for the website. Configure DNS settings to point the domain to the S3 bucket.

Security Module: Implement bucket policies to control access to the website content. Configure access controls and permissions for the S3 bucket. Set up SSL/TLS certificates for secure communication (optional).

Scalability Module: Design the S3 bucket structure to accommodate future growth in content. Configure S3 settings to handle increased web traffic efficiently.

Cost Optimization Module: Analyze and optimize costs based on Amazon S3 pricing models. Implement cost-saving measures, such as lifecycle policies and intelligent tiering.

2

Content Delivery Module:

Set up Amazon CloudFront for efficient content delivery and improved performance.
Configure caching and distribution settings for the CloudFront distribution.

Automation Module: Implement automation for website deployment and updates using AWS services like AWS CLI or AWS SDKs.
Configure continuous integration and deployment pipelines for the static website.

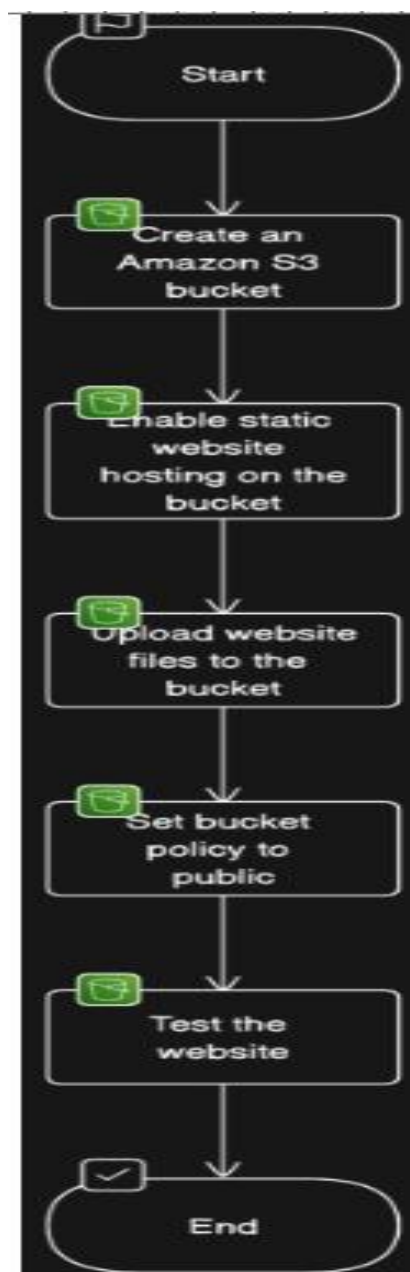
Monitoring and Analytics Module: Set up monitoring using Amazon CloudWatch for tracking S3 bucket metrics and website performance.
Integrate analytics tools to monitor user engagement and behavior.

Backup and Disaster Recovery Module: Establish a backup plan for the website content, considering versioning and data replication.
Implement disaster recovery measures to mitigate data loss or downtime.

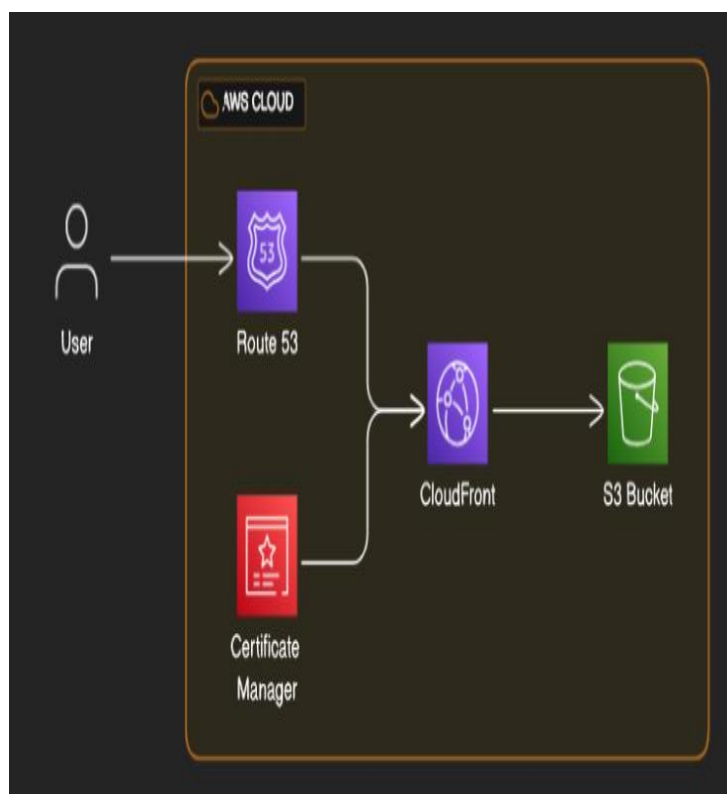
Documentation and Training Module: Develop comprehensive documentation for setting up and managing the static website on Amazon S3.
Provide training materials and guidelines for team members on handling the hosting infrastructure.

Diagrams:

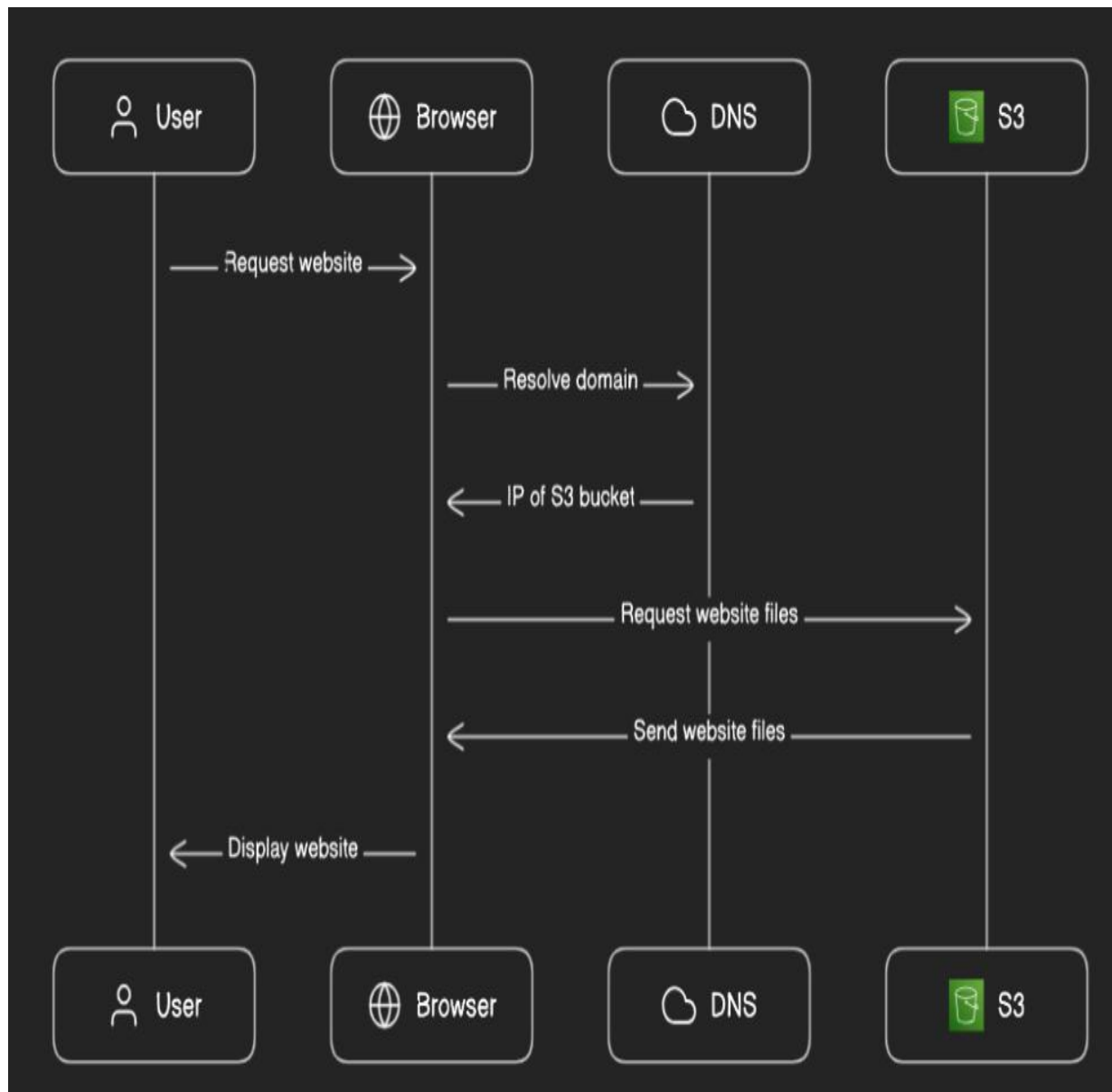
1. Use Case Diagram



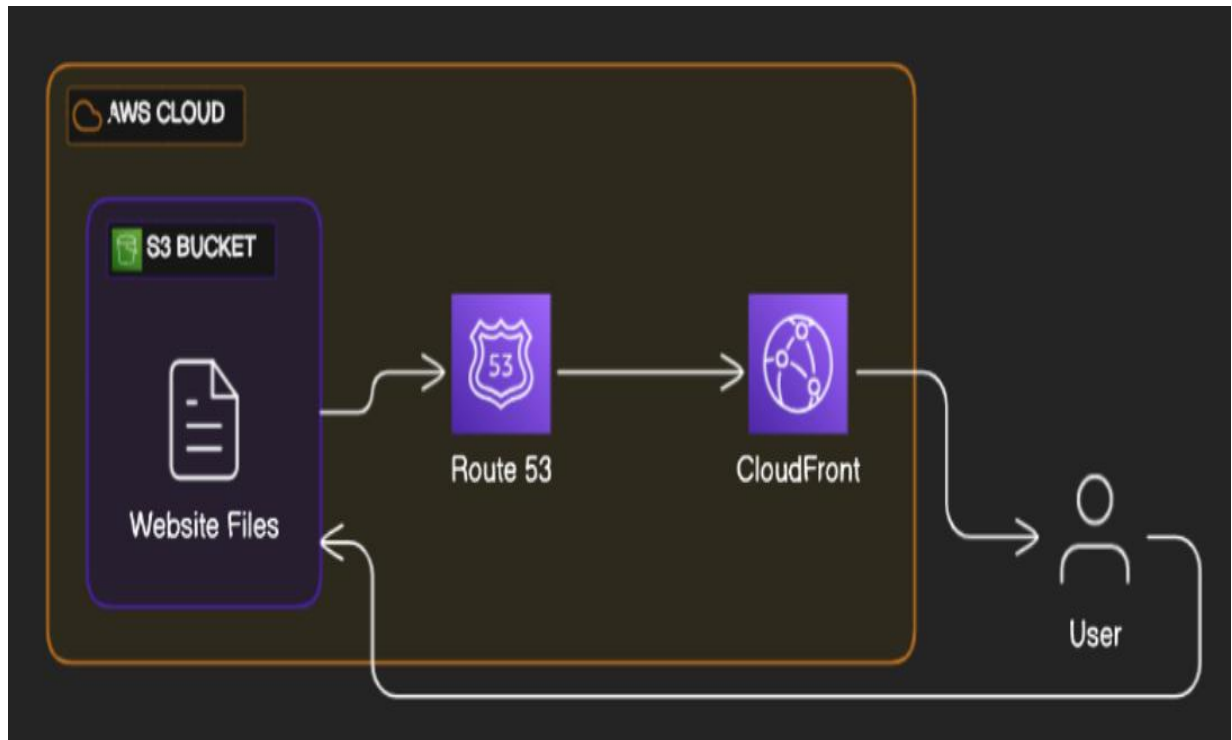
2. Class diagram:



3. Sequence diagram



4.Collaboration Diagram



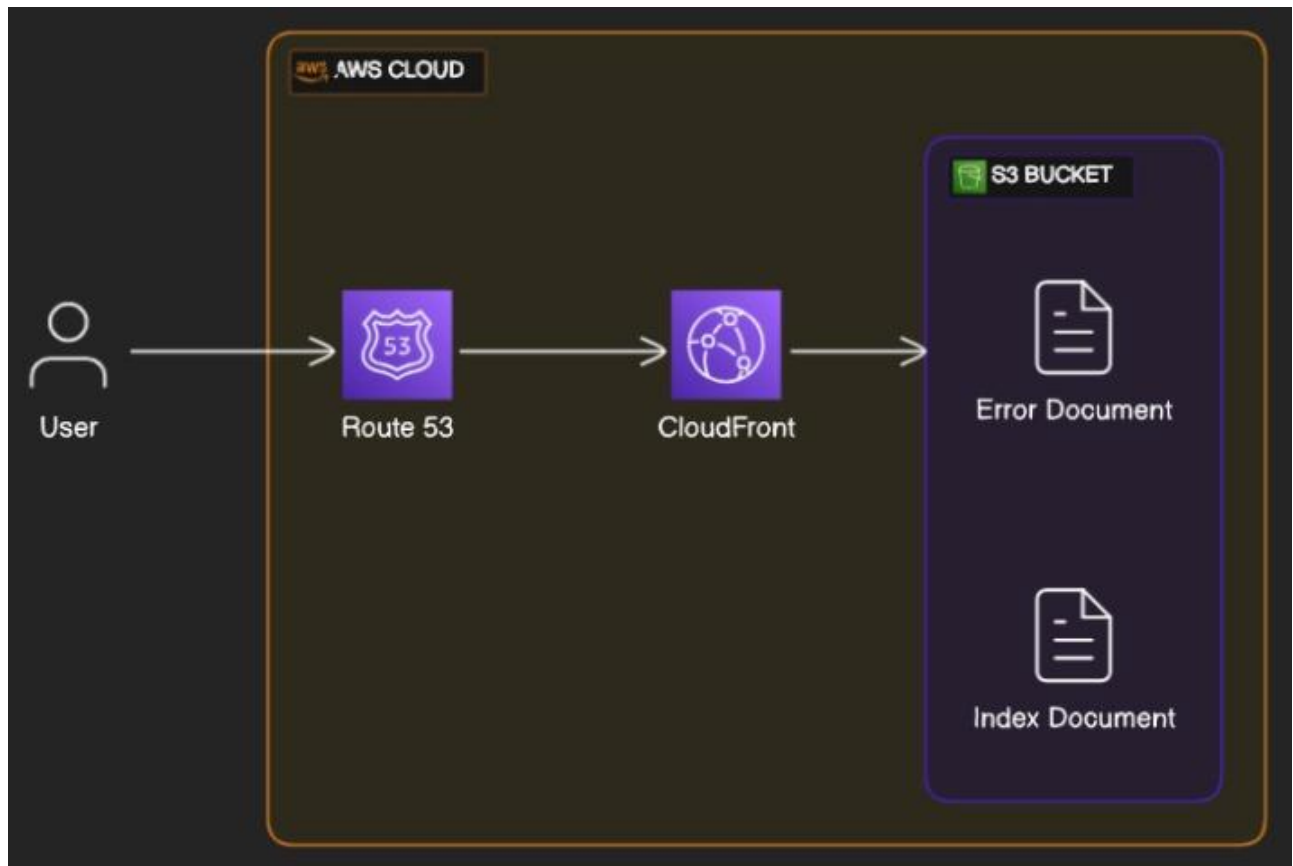
5.State Chart Diagram



6.Activity Diagram



7.Package Diagram



8. Deployment Diagram



Bucket policy code

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "PublicReadGetObject",
      "Effect": "Allow",
      "Principal": "*",
      "Action": "s3:GetObject",
      "Resource": "arn:aws:s3:::your_bucket_name/*"
    }
  ]
}
```

index.html

```
<!doctype html>
<html class="no-js" lang="en">

  <head>
    <!-- meta data -->
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <!-- The above 3 meta tags *must* come first in the head; any other head content must come
    *after* these tags -->

    <!--font-family-->
    <link
href="https://fonts.googleapis.com/css?family=Poppins:100,100i,200,200i,300,300i,400,400i,500,500i,600,6
00i,700,700i,800,800i,900,900i" rel="stylesheet">

    <link href="https://fonts.googleapis.com/css?family=Rufina:400,700" rel="stylesheet">

    <!-- title of site -->
    <title>CarVilla</title>

    <!-- For favicon png -->
    <link rel="shortcut icon" type="image/icon" href="assets/logo/favicon.png"/>

    <!--font-awesome.min.css-->
    <link rel="stylesheet" href="assets/css/font-awesome.min.css">

    <!--linear icon css-->
    <link rel="stylesheet" href="assets/css/linearicons.css">

    <!--flaticon.css-->
    <link rel="stylesheet" href="assets/css/flaticon.css">
```

```
<!--animate.css-->
<link rel="stylesheet" href="assets/css/animate.css">
```

```
<!--owl.carousel.css-->
<link rel="stylesheet" href="assets/css/owl.carousel.min.css">
<link rel="stylesheet" href="assets/css/owl.theme.default.min.css">
```

```
<!--bootstrap.min.css-->
<link rel="stylesheet" href="assets/css/bootstrap.min.css">
```

```
<!-- bootsnav -->
<link rel="stylesheet" href="assets/css/bootsnav.css" >
```

```
<!--style.css-->
<link rel="stylesheet" href="assets/css/style.css">
```

```
<!--responsive.css-->
<link rel="stylesheet" href="assets/css/responsive.css">
```

```
<!-- HTML5 shim and Respond.js for IE8 support of HTML5 elements and media queries -->
<!-- WARNING: Respond.js doesn't work if you view the page via file:// -->
```

```
<!--[if lt IE 9]>
    <script src="https://oss.maxcdn.com/html5shiv/3.7.3/html5shiv.min.js"></script>
    <script src="https://oss.maxcdn.com/respond/1.4.2/respond.min.js"></script>
<![endif]-->
```

```
</head>
```

```
<body>
```

```
    <!--[if lte IE 9]>
        <p class="browserupgrade">You are using an <strong>outdated</strong> browser. Please <a
href="https://browsehappy.com/">upgrade your browser</a> to improve your experience and security.</p>
    <![endif]-->
```

```
    <!--welcome-hero start -->
    <section id="home" class="welcome-hero">
```

```
        <!-- top-area Start -->
        <div class="top-area">
            <div class="header-area">
                <!-- Start Navigation -->
                <nav class="navbar navbar-default bootsnav navbar-sticky navbar-scrollspy" data-
minus-value-desktop="70" data-minus-value-mobile="55" data-speed="1000">
```

```
                    <div class="container">
```

```
                        <!-- Start Header Navigation -->
                        <div class="navbar-header">
                            <button type="button" class="navbar-toggle" data-toggle="collapse" data-
target="#navbar-menu">
                                <i class="fa fa-bars"></i>
                            </button>
                            <a class="navbar-brand" href="index.html">carvilla<span></span></a>
```

```
                        </div><!--/.navbar-header-->
                        <!-- End Header Navigation -->
```

```
                            <!-- Collect the nav links, forms, and other content for toggling -->
                            <div class="collapse navbar-collapse menu-ui-design" id="navbar-menu">
                                <ul class="nav navbar-nav navbar-right" data-in="fadeInDown" data-
out="fadeOutUp">
                                    <li class=" scroll active"><a href="#home">home</a></li>
```



```

        <li class="scroll"><a href="#service">service</a></li>
        <li class="scroll"><a href="#featured-cars">featured cars</a></li>
        <li class="scroll"><a href="#new-cars">new cars</a></li>
        <li class="scroll"><a href="#brand">brands</a></li>
        <li class="scroll"><a href="#contact">contact</a></li>
    </ul><!--/.nav -->
</div><!-- /.navbar-collapse -->
</div><!-- /.container -->
</nav><!--/nav-->
<!-- End Navigation -->
</div><!--/.header-area-->
<div class="clearfix"></div>

```

```

</div><!-- /.top-area-->
<!-- top-area End -->

```

```

<div class="container">
    <div class="welcome-hero-txt">
        <h2>get your desired car in resonable price</h2>
        <p>
            It is important to take care of the pain itself, and it will be followed by the growth of the patient,
            but at the same time it will happen that there is a lot of work and pain
        </p>
        <button class="welcome-btn" onclick="window.location.href='#'">contact us</button>
    </div>
</div>

```

```

<div class="container">
    <div class="row">
        <div class="col-md-12">
            <div class="model-search-content">
                <div class="row">
                    <div class="col-md-offset-1 col-md-2 col-sm-12">
                        <div class="single-model-search">
                            <h2>select year</h2>
                            <div class="model-select-icon">
                                <select class="form-control">

```

```

                                <option value="default">year</option><!-- /.option-->

```

```

                                <option value="2018">2018</option><!-- /.option-->

```

```

                                <option value="2017">2017</option><!-- /.option-->
                                <option value="2016">2016</option><!-- /.option-->

```

```

                            </select><!-- /.select-->
                        </div><!-- /.model-select-icon -->
                    </div>
                <div class="single-model-search">
                    <h2>body style</h2>
                    <div class="model-select-icon">
                        <select class="form-control">

```

```

                        <option value="default">style</option><!-- /.option-->

```

```

                        <option value="sedan">sedan</option><!-- /.option-->

```

```

                        <option value="van">van</option><!-- /.option-->
                        <option value="roadster">roadster</option><!-- /.option-->

```

```

->

```

```

                    </select><!-- /.select-->
                </div><!-- /.model-select-icon -->

```

```

    </div>
  </div>
  <div class="col-md-offset-1 col-md-2 col-sm-12">
    <div class="single-model-search">
      <h2>select make</h2>
      <div class="model-select-icon">
        <select class="form-control">

```

```

          <option value="default">make</option><!-- /.option-->

```

```

          <option value="toyota">toyota</option><!-- /.option-->

```

```

          <option value="holden">holden</option><!-- /.option-->

```

```

          <option value="maecedes-benz">maecedes-benz.</option><!--
- /.option-->

```

```

        </select><!-- /.select-->
      </div><!-- /.model-select-icon -->
    </div>
    <div class="single-model-search">
      <h2>car condition</h2>
      <div class="model-select-icon">
        <select class="form-control">

```

```

          <option value="default">condition</option><!-- /.option-
->

```

```

          <option value="something">something</option><!--
/.option-->

```

```

          <option value="something">something</option><!--
/.option-->

```

```

          <option value="something">something</option><!--
/.option-->

```

```

        </select><!-- /.select-->
      </div><!-- /.model-select-icon -->
    </div>
  </div>
  <div class="col-md-offset-1 col-md-2 col-sm-12">
    <div class="single-model-search">
      <h2>select model</h2>
      <div class="model-select-icon">
        <select class="form-control">

```

```

          <option value="default">model</option><!-- /.option-->

```

```

          <option value="kia-rio">kia-rio</option><!-- /.option-->

```

```

          <option value="mitsubishi">mitsubishi</option><!--
/.option-->

```

```

          <option value="ford">ford</option><!-- /.option-->

```

```

        </select><!-- /.select-->
      </div><!-- /.model-select-icon -->
    </div>
    <div class="single-model-search">
      <h2>select price</h2>
      <div class="model-select-icon">
        <select class="form-control">

```

```

          <option value="default">price</option><!-- /.option-->

```

```

          <option value="$0.00">$0.00</option><!-- /.option-->

```

```
<option value="$0.00">$0.00</option><!-- /.option-->
<option value="$0.00">$0.00</option><!-- /.option-->
```

```
</select><!-- /.select-->
</div><!-- /.model-select-icon -->
</div>
</div>
<div class="col-md-2 col-sm-12">
  <div class="single-model-search text-center">
    <button class="welcome-btn model-search-btn"
onclick="window.location.href='#'">
      search
    </button>
  </div>
</div>
</div>
</div>
</div>
</div>
</div>
```

```
</section><!--/.welcome-hero-->
<!--welcome-hero end -->
```

```
<!--service start -->
<section id="service" class="service">
  <div class="container">
    <div class="service-content">
      <div class="row">
        <div class="col-md-4 col-sm-6">
          <div class="single-service-item">
            <div class="single-service-icon">
              <i class="flaticon-car"></i>
            </div>
            <h2><a href="#">largest dealership <span> of</span> car</a></h2>
            <p>
              Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut
den fugit sed quia.
            </p>
          </div>
        </div>
        <div class="col-md-4 col-sm-6">
          <div class="single-service-item">
            <div class="single-service-icon">
              <i class="flaticon-car-repair"></i>
            </div>
            <h2><a href="#">unlimited repair warrenty</a></h2>
            <p>
              Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut
den fugit sed quia.
            </p>
          </div>
        </div>
        <div class="col-md-4 col-sm-6">
          <div class="single-service-item">
            <div class="single-service-icon">
              <i class="flaticon-car-1"></i>
            </div>
            <h2><a href="#">insurence support</a></h2>
            <p>
              Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut
den fugit sed quia.
            </p>
          </div>
        </div>
      </div>
    </div>
  </section>
```

```
        </div>
      </div>
    </div>
  </div>
</div><!--/.container-->
```

```
</section><!--/.service-->
<!--service end-->
```

```
<!--new-cars start -->
<section id="new-cars" class="new-cars">
  <div class="container">
    <div class="section-header">
      <p>checkout <span>the</span> latest cars</p>
      <h2>newest cars</h2>
    </div><!--/.section-header-->
    <div class="new-cars-content">
      <div class="owl-carousel owl-theme" id="new-cars-carousel">
        <div class="new-cars-item">
          <div class="single-new-cars-item">
            <div class="row">
              <div class="col-md-7 col-sm-12">
                <div class="new-cars-img">
                  
                </div><!--/.new-cars-img-->
              </div>
              <div class="col-md-5 col-sm-12">
                <div class="new-cars-txt">
                  <h2><a href="#">chevrolet camaro <span>
za100</span></a></h2>
                <p>
Duis aute irure dolor in reprehenderit in voluptate
velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt
in culpa qui officia deserunt mollit anim id est laborum.
                </p>
                <p class="new-cars-para2">
Sed ut pers unde omnis iste natus error sit voluptatem
accusantium doloremque laudantium.
                </p>
                <button class="welcome-btn new-cars-btn"
onclick="window.location.href='#'">
                    view details
                </button>
              </div><!--/.new-cars-txt-->
            </div><!--/.col-->
          </div><!--/.row-->
        </div><!--/.single-new-cars-item-->
      </div><!--/.new-cars-item-->
      <div class="new-cars-item">
        <div class="single-new-cars-item">
          <div class="row">
            <div class="col-md-7 col-sm-12">
              <div class="new-cars-img">
                
              </div><!--/.new-cars-img-->
            </div>
            <div class="col-md-5 col-sm-12">
              <div class="new-cars-txt">
                <h2><a href="#">BMW series-3 wagon</a></h2>
                <p>
Duis aute irure dolor in reprehenderit in voluptate
velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt
in culpa qui officia deserunt mollit anim id est laborum.
                </p>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</section>
```

```

        <p class="new-cars-para2">
            Sed ut pers unde omnis iste natus error sit voluptatem
accusantium doloremque laudantium.

        </p>
        <button class="welcome-btn new-cars-btn"
onclick="window.location.href='#'">
            view details
        </button>
    </div><!--/.new-cars-txt-->
</div><!--/.col-->
</div><!--/.row-->
</div><!--/.single-new-cars-item-->
</div><!--/.new-cars-item-->
<div class="new-cars-item">
    <div class="single-new-cars-item">
        <div class="row">
            <div class="col-md-7 col-sm-12">
                <div class="new-cars-img">
                    
                </div><!--/.new-cars-img-->
            </div>
            <div class="col-md-5 col-sm-12">
                <div class="new-cars-txt">
                    <h2><a href="#">ferrari 488 superfast</a></h2>
                    <p>
                        Duis aute irure dolor in reprehenderit in voluptate
velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt
in culpa qui officia deserunt mollit anim id est laborum.
                    </p>
                    <p class="new-cars-para2">
                        Sed ut pers unde omnis iste natus error sit voluptatem
accusantium doloremque laudantium.
                    </p>
                    <button class="welcome-btn new-cars-btn"
onclick="window.location.href='#'">
                        view details
                    </button>
                </div><!--/.new-cars-txt-->
            </div><!--/.col-->
        </div><!--/.row-->
    </div><!--/.single-new-cars-item-->
</div><!--/.new-cars-item-->
</div><!--/#new-cars-carousel-->
</div><!--/.new-cars-content-->
</div><!--/.container-->

</section><!--/.new-cars-->
<!--new-cars end -->

```

```

<!--featured-cars start -->
<section id="featured-cars" class="featured-cars">
    <div class="container">
        <div class="section-header">
            <p>checkout <span>the</span> featured cars</p>
            <h2>featured cars</h2>
        </div><!--/.section-header-->
        <div class="featured-cars-content">
            <div class="row">
                <div class="col-lg-3 col-md-4 col-sm-6">
                    <div class="single-featured-cars">
                        <div class="featured-img-box">
                            <div class="featured-cars-img">
                                
                            </div>

```

```

        <div class="featured-model-info">
            <p>
                model: 2017
                <span class="featured-mi-span"> 3100 mi</span>
                <span class="featured-hp-span"> 240HP</span>
                automatic
            </p>
        </div>
    </div>
    <div class="featured-cars-txt">
        <h2><a href="#">BMW 6-series gran coupe</a></h2>
        <h3>$89,395</h3>
        <p>
            Neque porro quisquam est, qui dolorem ipsum quia dolor sit amet,
consectetur, adipisci velit, sed quia non.
        </p>
    </div>
</div>
</div>
<div class="col-lg-3 col-md-4 col-sm-6">
    <div class="single-featured-cars">
        <div class="featured-img-box">
            <div class="featured-cars-img">
                
            </div>
            <div class="featured-model-info">
                <p>
                    model: 2017
                    <span class="featured-mi-span"> 3100 mi</span>
                    <span class="featured-hp-span"> 240HP</span>
                    automatic
                </p>
            </div>
        </div>
        <div class="featured-cars-txt">
            <h2><a href="#">chevrolet camaro <span>wmv20</span></a></h2>
            <h3>$66,575</h3>
            <p>
                Neque porro quisquam est, qui dolorem ipsum quia dolor sit amet,
consectetur, adipisci velit, sed quia non.
            </p>
        </div>
    </div>
</div>
</div>
<div class="col-lg-3 col-md-4 col-sm-6">
    <div class="single-featured-cars">
        <div class="featured-img-box">
            <div class="featured-cars-img">
                
            </div>
            <div class="featured-model-info">
                <p>
                    model: 2017
                    <span class="featured-mi-span"> 3100 mi</span>
                    <span class="featured-hp-span"> 240HP</span>
                    automatic
                </p>
            </div>
        </div>
        <div class="featured-cars-txt">
            <h2><a href="#">lamborghini <span>v520</span></a></h2>
            <h3>$125,250</h3>
            <p>

```

Neque porro quisquam est, qui dolore ipsum quia dolor sit amet,
consectetur, adipisci velit, sed quia non.

```
        </p>
      </div>
    </div>
  </div>
  <div class="col-lg-3 col-md-4 col-sm-6">
    <div class="single-featured-cars">
      <div class="featured-img-box">
        <div class="featured-cars-img">
          
        </div>
        <div class="featured-model-info">
          <p>
            model: 2017
            <span class="featured-mi-span"> 3100 mi</span>
            <span class="featured-hp-span"> 240HP</span>
            automatic
          </p>
        </div>
      </div>
      <div class="featured-cars-txt">
        <h2><a href="#">audi <span> a3</span> sedan</a></h2>
        <h3>$95,500</h3>
        <p>
```

Neque porro quisquam est, qui dolore ipsum quia dolor sit amet,
consectetur, adipisci velit, sed quia non.

```
      </p>
    </div>
  </div>
</div>
<div class="row">
  <div class="col-lg-3 col-md-4 col-sm-6">
    <div class="single-featured-cars">
      <div class="featured-img-box">
        <div class="featured-cars-img">
          
        </div>
        <div class="featured-model-info">
          <p>
            model: 2017
            <span class="featured-mi-span"> 3100 mi</span>
            <span class="featured-hp-span"> 240HP</span>
            automatic
          </p>
        </div>
      </div>
      <div class="featured-cars-txt">
        <h2><a href="#">infiniti <span>z5</span></a></h2>
        <h3>$36,850</h3>
        <p>
```

Neque porro quisquam est, qui dolore ipsum quia dolor sit amet,
consectetur, adipisci velit, sed quia non.

```
      </p>
    </div>
  </div>
</div>
<div class="col-lg-3 col-md-4 col-sm-6">
  <div class="single-featured-cars">
    <div class="featured-img-box">
      <div class="featured-cars-img">
        
      </div>
```

```

        <div class="featured-model-info">
            <p>
                model: 2017
                <span class="featured-mi-span"> 3100 mi</span>
                <span class="featured-hp-span"> 240HP</span>
                automatic
            </p>
        </div>
    </div>
    <div class="featured-cars-txt">
        <h2><a href="#">porsche <span>718</span> cayman</a></h2>
        <h3>$48,500</h3>
        <p>
            Neque porro quisquam est, qui dolore ipsum quia dolor sit amet,
consectetur, adipisci velit, sed quia non.
        </p>
    </div>
</div>
</div>
<div class="col-lg-3 col-md-4 col-sm-6">
    <div class="single-featured-cars">
        <div class="featured-img-box">
            <div class="featured-cars-img">
                
            </div>
            <div class="featured-model-info">
                <p>
                    model: 2017
                    <span class="featured-mi-span"> 3100 mi</span>
                    <span class="featured-hp-span"> 240HP</span>
                    automatic
                </p>
            </div>
        </div>
        <div class="featured-cars-txt">
            <h2><a href="#"><span>bmw 8-</span>series coupe</a></h2>
            <h3>$56,000</h3>
            <p>
                Neque porro quisquam est, qui dolore ipsum quia dolor sit amet,
consectetur, adipisci velit, sed quia non.
            </p>
        </div>
    </div>
</div>
</div>
<div class="col-lg-3 col-md-4 col-sm-6">
    <div class="single-featured-cars">
        <div class="featured-img-box">
            <div class="featured-cars-img">
                
            </div>
            <div class="featured-model-info">
                <p>
                    model: 2017
                    <span class="featured-mi-span"> 3100 mi</span>
                    <span class="featured-hp-span"> 240HP</span>
                    automatic
                </p>
            </div>
        </div>
        <div class="featured-cars-txt">
            <h2><a href="#">BMW <span>x</span></span>series-6</a></h2>
            <h3>$75,800</h3>
            <p>

```


Neque porro quisquam est, qui dolore ipsum quia dolor sit amet, consectetur, adipisci velit, sed quia non.

```
</p>
</div>
</div>
</div>
</div>
</div>
</div><!--/.container-->
```

```
</section><!--/.featured-cars-->
<!--featured-cars end -->
```

```
<!-- clients-say strat -->
<section id="clients-say" class="clients-say">
  <div class="container">
    <div class="section-header">
      <h2>what our clients say</h2>
    </div><!--/.section-header-->
    <div class="row">
      <div class="owl-carousel testimonial-carousel">
        <div class="col-sm-3 col-xs-12">
          <div class="single-testimonial-box">
            <div class="testimonial-description">
              <div class="testimonial-info">
                <div class="testimonial-img">
                  
                </div><!--/.testimonial-img-->
              </div><!--/.testimonial-info-->
              <div class="testimonial-comment">
                <p>
                  Sed ut pers unde omnis iste natus error sit voluptatem
accusantium dolor laudan rem aperiam, eaque ipsa quae ab illo inventore verit.
                </p>
              </div><!--/.testimonial-comment-->
              <div class="testimonial-person">
                <h2><a href="#">tomas lili</a></h2>
                <h4>new york</h4>
              </div><!--/.testimonial-person-->
            </div><!--/.testimonial-description-->
          </div><!--/.single-testimonial-box-->
        </div><!--/.col-->
        <div class="col-sm-3 col-xs-12">
          <div class="single-testimonial-box">
            <div class="testimonial-description">
              <div class="testimonial-info">
                <div class="testimonial-img">
                  
                </div><!--/.testimonial-img-->
              </div><!--/.testimonial-info-->
              <div class="testimonial-comment">
                <p>
                  Sed ut pers unde omnis iste natus error sit voluptatem
accusantium dolor laudan rem aperiam, eaque ipsa quae ab illo inventore verit.
                </p>
              </div><!--/.testimonial-comment-->
              <div class="testimonial-person">
                <h2><a href="#">romi rain</a></h2>
                <h4>london</h4>
              </div><!--/.testimonial-person-->
            </div><!--/.testimonial-description-->
          </div><!--/.single-testimonial-box-->
```

```

        </div><!--/.col-->
        <div class="col-sm-3 col-xs-12">
            <div class="single-testimonial-box">
                <div class="testimonial-description">
                    <div class="testimonial-info">
                        <div class="testimonial-img">
                            
                        </div><!--/.testimonial-img-->
                    </div><!--/.testimonial-info-->
                    <div class="testimonial-comment">
                        <p>
                            Sed ut pers unde omnis iste natus error sit voluptatem
accusantium dolor laudan rem aperiam, eaque ipsa quae ab illo inventore verit.
                        </p>
                    </div><!--/.testimonial-comment-->
                    <div class="testimonial-person">
                        <h2><a href="#">john doe</a></h2>
                        <h4>washington</h4>
                    </div><!--/.testimonial-person-->
                </div><!--/.testimonial-description-->
            </div><!--/.single-testimonial-box-->
        </div><!--/.col-->
    </div><!--/.testimonial-carousel-->
</div><!--/.row-->
</div><!--/.container-->

```

```

</section><!--/.clients-say-->
<!-- clients-say end -->

```

```

<!--brand strat -->
<section id="brand" class="brand">
    <div class="container">
        <div class="brand-area">
            <div class="owl-carousel owl-theme brand-item">
                <div class="item">
                    <a href="#">
                        
                    </a>
                </div><!--/.item-->
                <div class="item">
                    <a href="#">
                        
                    </a>
                </div><!--/.item-->
                <div class="item">
                    <a href="#">
                        
                    </a>
                </div><!--/.item-->
                <div class="item">
                    <a href="#">
                        
                    </a>
                </div><!--/.item-->
            </div><!--/.brand-item-->
        </div>
    </div>

```

```

        <div class="item">
            <a href="#">
                
            </a>
        </div><!--/.item-->

```

```

        <div class="item">
            <a href="#">

```

```
        
      </a>
    </div><!--/.item-->
  </div><!--/.owl-carousel-->
</div><!--/.clients-area-->
```

```
</div><!--/.container-->
```

```
</section><!--/brand-->
<!--brand end -->
```

```
<!--blog start -->
<section id="blog" class="blog"></section><!--/.blog-->
<!--blog end -->
```

```
<!--contact start-->
<footer id="contact" class="contact">
  <div class="container">
    <div class="footer-top">
      <div class="row">
        <div class="col-md-3 col-sm-6">
          <div class="single-footer-widget">
            <div class="footer-logo">
              <a href="index.html">carvilla</a>
            </div>
            <p>
              Ased do eiusmod tempor incididunt ut labore et dolore magnaian aliqua. Ut
enim ad minim veniam.
            </p>
            <div class="footer-contact">
              <p>info@themesine.com</p>
              <p>+1 (885) 2563154554</p>
            </div>
          </div>
        </div>
        <div class="col-md-2 col-sm-6">
          <div class="single-footer-widget">
            <h2>about devlooon</h2>
            <ul>
              <li><a href="#">about us</a></li>
              <li><a href="#">career</a></li>
              <li><a href="#">terms <span> of service</span></a></li>
              <li><a href="#">privacy policy</a></li>
            </ul>
          </div>
        </div>
        <div class="col-md-3 col-xs-12">
          <div class="single-footer-widget">
            <h2>top brands</h2>
            <div class="row">
              <div class="col-md-7 col-xs-6">
                <ul>
                  <li><a href="#">BMW</a></li>
                  <li><a href="#">lamborghini</a></li>
                  <li><a href="#">camaro</a></li>
                  <li><a href="#">audi</a></li>
                  <li><a href="#">infiniti</a></li>
                  <li><a href="#">nissan</a></li>
                </ul>
              </div>
              <div class="col-md-5 col-xs-6">
                <ul>
                  <li><a href="#">ferrari</a></li>
                  <li><a href="#">porsche</a></li>
```

```

        <li><a href="#">land rover</a></li>
        <li><a href="#">aston martin</a></li>
        <li><a href="#">mercedes</a></li>
        <li><a href="#">opel</a></li>
    </ul>
</div>
</div>
</div>
</div>
<div class="col-md-offset-1 col-md-3 col-sm-6">
    <div class="single-footer-widget">
        <h2>news letter</h2>
        <div class="footer-newsletter">
            <p>
                Subscribe to get latest news update and informations
            </p>
        </div>
        <div class="hm-foot-email">
            <div class="foot-email-box">
                <input type="text" class="form-control" placeholder="Add Email">
            </div><!--/.foot-email-box-->
            <div class="foot-email-subscribe">
                <span><i class="fa fa-arrow-right"></i></span>
            </div><!--/.foot-email-icon-->
        </div><!--/.hm-foot-email-->
    </div>
</div>
</div>
<div class="footer-copyright">
    <div class="row">
        <div class="col-sm-6">
            <p>
                &copy; copyright.designed and developed by <a
href="https://www.themesine.com/">themesine</a>.
            </p><!--/p-->
        </div>
        <div class="col-sm-6">
            <div class="footer-social">
                <a href="#"><i class="fa fa-facebook"></i></a>
                <a href="#"><i class="fa fa-instagram"></i></a>
                <a href="#"><i class="fa fa-linkedin"></i></a>
                <a href="#"><i class="fa fa-pinterest-p"></i></a>
                <a href="#"><i class="fa fa-behance"></i></a>
            </div>
        </div>
    </div>
</div><!--/.footer-copyright-->
</div><!--/.container-->

```

```

<div id="scroll-Top">
    <div class="return-to-top">
        <i class="fa fa-angle-up " id="scroll-top" data-toggle="tooltip" data-
placement="top" title="" data-original-title="Back to Top" aria-hidden="true"></i>
    </div>

</div><!--/.scroll-Top-->

</footer><!--/.contact-->
<!--contact end-->

```

```

<!-- Include all js compiled plugins (below), or include individual files as needed -->

```

```
<script src="assets/js/jquery.js"></script>

<!--modernizr.min.js-->
<script src="https://cdnjs.cloudflare.com/ajax/libs/modernizr/2.8.3/modernizr.min.js"></script>

<!--bootstrap.min.js-->
<script src="assets/js/bootstrap.min.js"></script>

<!-- bootsnav js -->
<script src="assets/js/bootsnav.js"></script>
```

```
<!--owl.carousel.js-->
<script src="assets/js/owl.carousel.min.js"></script>
```

```
<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery-
easing/1.4.1/jquery.easing.min.js"></script>
```

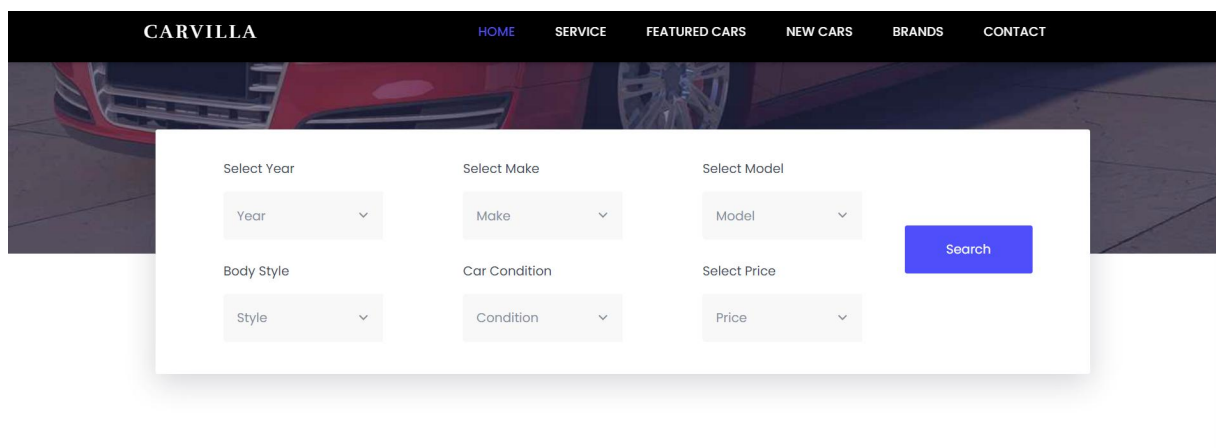
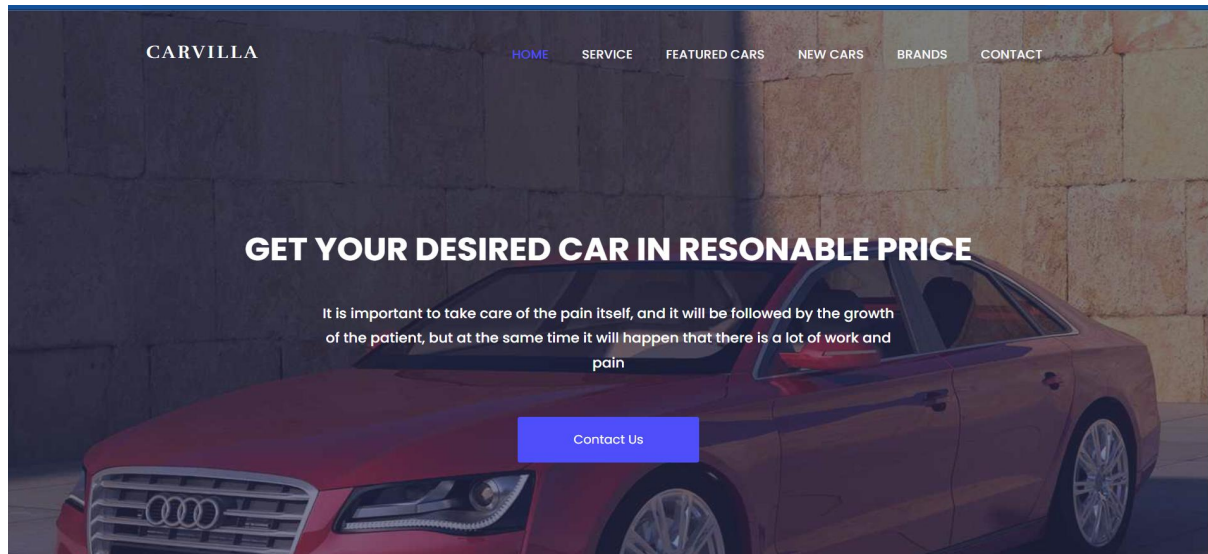
```
<!--Custom JS-->
<script src="assets/js/custom.js"></script>

</body>

</html>
```

Output :

Created web page Screenshot :



CARVILLA

HOME


SERVICE

FEATURED CARS

NEW CARS


BRANDS

CONTACT




Largest Dealership of Car

Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut den fugit sed quia.



Unlimited Repair Warrenty

Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut den fugit sed quia.



Insurence Support

Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut den fugit sed quia.

CARVILLA

HOME

SERVICE


FEATURED CARS

NEW CARS

BRANDS

CONTACT

Newest Cars



Ferrari 488 Superfast

Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Sed ut pers unde omnis iste natus error sit voluptatem accusantium doloremque laudantium.

View Details

Conclusion :

A static website hosting on Amazon S3 offers a reliable and cost-effective solution for hosting simple websites with minimal dynamic content. Key advantages include:

Scalability: Amazon S3 is designed to scale, enabling your website to handle a large number of visitors without compromising performance.

Cost-effectiveness: S3 provides a cost-effective solution for hosting static websites, with a pay-as-you-go pricing model that ensures you only pay for the storage and data transfer you use.

Reliability and Durability: Amazon S3 is known for its high availability and durability. Your website can benefit from the robust infrastructure provided by Amazon Web Services (AWS), ensuring minimal downtime and data loss.

Security: S3 offers multiple layers of security to protect your data, including access control and encryption options, helping you keep your website and its content secure.

Ease of Use: Setting up a static website on Amazon S3 is relatively straightforward, making it an excellent option for those with limited technical expertise. The AWS Management Console provides a user-friendly interface for managing your website.

While Amazon S3 is a great option for hosting static websites, it might not be suitable for complex dynamic websites or those requiring server-side processing. In such cases, other AWS services like AWS EC2 or AWS Lambda might be more appropriate.

Result :

Creating a static website hosting on Amazon S3 is a straightforward process that offers a reliable and cost-effective solution for hosting simple websites with minimal dynamic content. Now I can easily understand the scenarios and work principles addressing in AWS. I have learnt about many functions and tools in AWS.

Reference :

Amazon S3 Developer Guide

AWS Documentation for Amazon S3

AWS Online Tech Talks

Youtube

AWS Developer Forums