BABASAHEB BHIMRAO AMBEDKAR BIHAR UNIVERSITY
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NAAC Accredited With 'B' Grade

Submitted in partial fulfillment of the requirements for the

award of Bachelor of Computer Application.

MAJOR PROJECT REPORT ON
"CLONE OF APPLE"

BY

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DEPARTMENT OF BCA

Laxmi Narayan Dubey College,Motihari

(A CONSTITUENT UNIT OF B.R.A BIHAR UNIVERSITY,MUZAFFARPUR)

BONAFIDE CERTIFICATE

This is to certify that this Project Report is the bonafide work of **Rampravesh Kumar Bhartiya(214122),Sonu Kumar(214123),Ghanshyam Kumar(214159)** who carried out the project entitled "**CLONE OF APPLE**" under my supervision..

Internal Guide

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Submitted for Viva voce Examination held on   **22-12-2023** _____

Internal Examiner   **External Examiner**

DECLARATION

We, **Rampravesh Kumar Bhartiya(214122),Sonu Kumar(214123),Ghanshyam Kumar(214159)** hereby declarethat the Project Report entitled done by me under the guidance of

Munna Kumar at Laxmi Narayan Dubey College is submitted in partial fulfillment of

the requirements for the award of Bachelor of Computer Application

DATE:22-12-2023

PLACE:LND COLLEGE MOTIHARI   **SIGNATURE OF THE CANDIDATE**

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ABSTRACT

Cloning (ad hoc reuse by duplication of design or code) speeds up development, but also hinders future maintenance. Cloning also hints at reuse opportunities that, if exploited systematically, might have positive impact on development and maintenance productivity. Unstable requirements and tight schedules pose unique challenges for Web Application engineering that encourage cloning. We are conducting a systematic study of cloning in Web Applications of different sizes, developed using a range of Web technologies, and serving diverse purposes. Our initial results show cloning rates up to 63% in both newly developed and already maintained Web Applications. Expected contribution of this work is two-fold: (1) to confirm potential benefits of reuse-based methods in addressing clone related problems of Web engineering, and (2) to create a framework of metrics and presentation views to be used in other similar studies.

ABOUT THE PROJECT

in this tutorial we will build a Apple clone step by step. You'll learn how to create layouts and add content to those layouts. If you have been struggling to build a real website with HTML & CSS, this is the article for you. Because I am about to teach you to do it step by step to reduce your struggle. We'll discuss how to make the layout of the Apple clone with HTML and CSS and you'll learn how to make a two-column layout. It's important to break things into smaller pieces to make our projects easier to build. So, we have to break this Apple clone into smaller units that we'll be building step by step

INTRODUCTION

Apple Inc. is an American multinational technology company headquartered in Cupertino, California. As of March 2023, Apple is the world's largest company by market capitalization,[6] and with US$394.3 billion the largest technology company by 2022 revenue.[7] As of June 2022, Apple is the fourth-largest personal computer vendor by unit sales; the largest manufacturing company by revenue; and the second-largest mobile phone manufacturer in the world. It is considered one of the Big Five American information technology companies, alongside Alphabet (parent company of Google), Amazon, Meta, and Microsoft.

Apple was founded as **Apple Computer Company** on April 1, 1976, by Steve Wozniak, Steve Jobs and Ronald Wayne to develop and sell Wozniak's Apple I personal computer. It was incorporated by Jobs and Wozniak as **Apple Computer, Inc.** in 1977. The company's second computer, the Apple II, became a best seller and one of the first mass-produced microcomputers. Apple went public in 1980 to instant financial success. The company developed computers featuring innovative graphical user interfaces, including the 1984 original Macintosh, announced that year in a critically acclaimed advertisement called "1984". By 1985, the high cost of its products, and power struggles between executives, caused problems. Wozniak stepped back from Apple and pursued other ventures, while Jobs resigned and founded NeXT, taking some Apple employees with him.

As the market for personal computers expanded and evolved throughout the 1990s, Apple lost considerable market share to the lower-priced duopoly of the Microsoft Windows operating system on Intel-powered PC clones (also known as "Wintel"). In 1997, weeks away from bankruptcy, the company bought NeXT to resolve Apple's unsuccessful operating system strategy and entice Jobs back to the company. Over the next decade, Jobs guided Apple back to profitability through a number of tactics including introducing the iMac, iPod, iPhone and iPad to critical acclaim, launching the "Think different" campaign and other memorable advertising campaigns, opening the Apple Store retail chain, and acquiring numerous companies to broaden the company's product portfolio. When Jobs resigned in 2011 for health reasons, and died two months later, he was succeeded as CEO by Tim Cook.

Apple became the first publicly traded U.S. company to be valued at over $1 trillion in August 2018, then at $2 trillion in August 2020, and at $3 trillion in January 2022. In June 2023, it was valued at just over $3 trillion.[8] The company receives criticism regarding the labor practices of its contractors, its environmental practices, and its business ethics, including anti-competitive practices and materials sourcing. Nevertheless, the company has a large following and enjoys a high level of brand loyalty. It has also been consistently ranked as one of the world's most valuable brands.

Mac

Main article: Mac (computer)

MacBook Air with M2 chip

iMac with M1 chip

The Mac is Apple's family of personal computers. Macs are known for their ease of use and distinctive aluminium, minimalist designs. Macs have been popular among students, creative professionals, and software engineers. The current lineup consists of the MacBook Air and MacBook Pro laptops, and the iMac, Mac mini, Mac Studio and Mac Pro desktop computers.

Often described as a walled garden, Macs use Apple silicon chips, run the macOS operating system, and include Apple software like the Safari web browser, iMovie for home movie editing, GarageBand for music creation, and the iWork productivity suite. Apple also sells pro apps: Final Cut Pro for video production, Logic Pro for musicians and producers, and Xcode for software developers.

Apple also sells a variety of accessories for Macs, including the Pro Display XDR, Apple Studio Display, Magic Mouse, Magic Trackpad, and Magic Keyboard.

iPhone

Main article: iPhone

iPhone 14 Pro

The iPhone is Apple's line of <u>smartphones</u>, which run the <u>iOS</u> operating system. The <u>first iPhone</u> was unveiled by Steve Jobs on January 9, 2007. Since then, new models have been released annually. When it was introduced, its <u>multi-touch</u> screen was described as "revolutionary" and a "game-changer" for the mobile phone industry. The device has been credited with creating the <u>app economy</u>.

As of 2022, the iPhone has 15% market share, yet represents 50% of global smartphone revenues, with <u>Android</u> phones accounting for the rest The iPhone has generated large profits for the company, and is credited with helping to make Apple one of the world's most valuable publicly traded companies.

iPad

Main article: <u>iPad</u>

The iPad is Apple's line of <u>tablets</u> which run <u>iPadOS</u>. The <u>first-generation iPad</u> was announced on January 27, 2010. The iPad is mainly marketed for consuming multimedia, creating art, working on documents, videoconferencing, and playing games. The iPad lineup consists of several base iPad models, and the smaller <u>iPad Mini</u>, upgraded <u>iPad Air</u>, and high-end <u>iPad Pro</u>. Apple has consistently improved the iPad's performance, with the <u>iPad Pro</u> adopting the same <u>M1</u> and <u>M2</u> chips as the Mac; but the iPad still receives criticism for its limited OS. As of September 2020, Apple has sold more than 500 million iPads, though sales peaked in 2013.[185] The iPad still remains the most popular tablet computer by sales as of the second quarter of 2020,[186] and accounted for nine percent of the company's revenue as of the end of 2021.

Apple sells several <u>iPad accessories</u>, including the <u>Apple Pencil</u>, <u>Smart Keyboard</u>, <u>Smart Keyboard Folio</u>, <u>Magic Keyboard</u>, and several adapters.

Other products

AirPods Max

Apple Watch Ultra

Apple makes several other products that it categorizes as "Wearables, Home and Accessories".[187] These products include the AirPods line of wireless headphones, Apple TV digital media players, Apple Watch smartwatches, Beats headphones and HomePod Mini smart speakers.

As of the end of 2021, this broad line of products comprises about 11% of the company's revenues.[11]

At WWDC 2023, Apple introduced its new VR headset, Vision Pro, along with visionOS.Apple announced that it will be partnering with Unity to bring existing 3D apps to Vision Pro using Unity's PolySpatial technology.

Services

Apple offers a broad line of services, including advertising in the App Store and Apple News app, the AppleCare+ extended warranty plan, the iCloud+ cloud-based data storage service, payment services through the Apple Card credit card and the Apple Pay processing platform, digital content services including Apple Books, Apple Fitness+, Apple Music, Apple News+, Apple TV+, and the iTunes Store.

As of the end of 2021, services comprise about 19% of the company's revenue.Many of the services have been launched as of 2019 when Apple announced it would be making a concerted effort to expand its service revenues.

TECHNOLOGY USED

HTML:

HTML is the standard markup language for creating Web pages. It stands for HyperTextMarkup Language. It describes the structure of a Web page. It consists of a series ofelements. HTML elements tell the browser how to display the content. HTML elements arerepresented by tags. HTML tags label pieces of content such as "heading", "paragraph","table", and so on. Browsers do not display the HTML tags, but use them to render thecontent of the page,

JAVASCRIPT:

JavaScript(often shortened to JS) is a lightweight, interpreted, object-oriented language withfirst-class functions, and is best known as the scripting language for Web pages, but it's usedin many non-browser environments as well. It is a prototype-based, multi-paradigm scriptinglanguage that is dynamic, and supports object-oriented, imperative, and functionalprogramming styles. JavaScript runs on the client side of the web, which can be used todesign / program how the web pages behave on the occurrence of an event. JavaScript is aneasy to learn and also powerful scripting language, widely used for controlling web pagebehaviour.

CSS:

CSS is a language that describes the style of an HTML document. CSS describes how HTMLelements should be displayed. CSS is a cornerstone technology of the World Wide Web,alongside HTML and JavaScript. 3 Types of CSS Styles: Inline, External and Internal.

1.PROPOSED SYSTEM

Our website can be divided into two main modules: User module and admin module. A seller can sell the
products platform by creating an item, this will be displayed in the main page of the website. Anyone can
register as seller or user and sell or buy products.

2.METHODOLOGY

The Waterfall model is universally accepted, and, in this case, we followed the different stages of religious
software development. It is a continuous model in which we develop software by following step-by-step
instructions for analysis of requirements, design, implementation, testing, integration, and maintenance.

3. SYSTEM DESIGN

For frontend we used technologies such as Django, a python web framework along with HTML, CSS, JS and
SQLite for database.

4. FRAMEWORKS

Django

Django is a python framework, here used for both front end and back end.

5. DATABASES

In basic terms a database organizes data and make data accessible.

SQLite

A database engine written in C language. It is a library which can be integrated into any C supported language.
Here we choose SQLite because SQLite has zero server-side software for zero configuration and maintenance.

6. DESCRIPTION OF MODULES OF WEBSITE

Homepage

The website is a user-friendly website. When the user opens the website, they will be directed to the home
page. Home Page can be divided into three parts the header, auto scrolling ads section and the products part.
The header contains the search function, cart function, login/register of user/seller function along with
categories side ba

Products

When the user clicks on any product, they will be re-directed to the product page where the product image and

details are visible. User can choose to add the product to the cart, and it requires user to already logged in to

add products to the cart. Viewers can also see reviews written by other users.

Login / Register Page

Users and Sellers can register into the website and login with their e-mail or phone number and password.

Window-shopping doesn't require any kind of authentication.

Cart Page

Products can be added to the cart and can be viewed in cart page. The cart page can be accessed from the cart

icon on the header of homepage. User can proceed to checkout in this page.

Checkout page

In this page user can see all the products that were added to the cart and, they need to enter their address and

basic details of the recipient. Order will be successfully placed after the confirming the order.

Orders Page

Orders page can be accessed by the user from the header from the homepage by clicking the account name

choosing 'My Orders'. In this page the user can view all his orders including delivered and cancelled orders. The

user also can cancel the orders from here if needed.

Account Settings

Users and sellers can update theirs accounts info and credentials from here, including password change.

Seller Specific Modules

Seller has their own dashboard and landing page in which they can view they're currently processing and

delivered products, add new products to sell, view list of products they sell and also view products that are on

sale/discount from other sellers.

Admin Dashboard

Administrator login and logout page with admin rights to the website.

Apple Clone Breakdown

In the Apple clone we'll be building,

The Header contains three sections (left, center and right). The left section contains the logo and menu, the center contains the search box and an icon, and the right contains navigation icons. The icons are based on similar elements, which means that we design an icon element and then copy, paste, and edit it to create the others.

The Main body contains two sections (sidebar and content). The navigation links in the sidebar are also similar, so they are just one thing. The same thing happens to the videos in the content section.

So, our Apple clone has a header, main, sidebar, content, video-card, navigation link and navigation icon as the major units. That is the breakdown of the units of the web page we want to create.

Apple Clone Layout
The first thing we have to do is create the layout structure of the Apple clone with HTML. We'll do that with the below code:

```html
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <!-- Material Icons -->
    <link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet" />
    <!-- CSS File -->
    <link rel="stylesheet" href="styles/index.css" />
    <title>Apple Clone with HTML & CSS</title>
  </head>
  <body>
    <header class="header">.</header>
    <main>
```

```
            <div class="side-bar">.</div>
            <div class="content">.</div>
        </main>
    <!-- Main Body Ends -->
</body>
</html>.
```

We have a header tag to create the header section of the Apple clone. We'll add the Apple logo, search box, and other navigation icons to the header later.

There is also the main section that contains the side-bar and content. The side-bar will contain some navigation links while the content will contain videos. So, that is it for the structure with just HTML.

Wait! Our code doesn't look too beautiful after running. Well, we'll fix that with CSS. So let's add CSS to it to really create a Apple layout.

CSS for the Apple Clone
Step 1: Use the @import in CSS
@import
url('https://fonts.googleapis.com/css2?family=Roboto:wght@300;400;700&display=swap');
Let's start with "import url('path')...What does it do? We use it to link to the Google font called Roboto so that we can use it as the font of our website.

Step 2: Reset HTML default styles
```
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}
```
The asterisk * is a CSS selector that selects all HTML tags on our page. We set their margin and padding to 0. We then set their box-sizing to border-box. Why do we do that?

We want width or height, border, margin, and padding to add up to be the total length. This is what I mean: in CSS, if a box has width of 100px and padding of 10px, the width of the box will now be 110px

But we don't want that – we want everything to be 100px. Width should still be 100px including the margin of 10px instead of making it 110px. That is what box-sizing: border-box does.

Note: when you're using it, you will start to better understand how it works – but for now, I just wanted to give some insight a beginner can quickly relate to.

Step 3: Set the font-family
```
body {
  font-family: 'Roboto', sans-serif;
}
```
We select the body tag and set its font-family to Roboto and use sans-serif as a fall-back in case Roboto is not available.

Step 4: Style the header
```
/* header section*/
.header {
    display: flex;
    justify-content: space-between;
    align-items: center;
    height: 60px;
    padding: 15px;
  }
```
The .header class name is used to select (or connect to) the header section of our website so that we can add some styles to it.

We set its display property to flex to create a layout out of it, and then we can easily divide it into sections. We will divide it into sections later.

Justify-content: space-between means we want the contents in the header to have space between them once there are more than one.

Align-items: centre is used to move all the contents of the header to the centre-left of your screen. That is called vertical alignment. We finally set the height of the header to 60px and its padding to 15px.

Step 5: Set the height of the main section

```
main {
   height: calc(100vh - 70px);
   display: flex;
   background-color: #f9f9f9;
 }
```

We set the height of the main section to calc(100vh - 70px)...What does it mean? V stands for a viewport, which is the visible part of a window's screen without scrolling. "height" means vertical length, and we can also use "w" which means width - horizontal length.

In short, 100vh means the total height that is visible in a browser without scrolling. And we use calc (100vh - 70px) to run a calculation that subtract 70px from 100vh.

We set its display property to flex to create a layout out of it. Finally, we set its background colour to #f9f99f which is a kind of silver or ash.

Step 6: Hide the scrollbar

```
/* Sidebar */
.side-bar {
   height: 100%;
   width: 17%;
   background-color: white;
   overflow-y: hidden;
 }
```

The height of the .side-bar is set to 100% of its parent. That means it will have the same height as its parent. Its width is set to 17% of its parent and background colour set to white.

Hey! What is overflow-y: hidden? When Twitter loads 10 tweets at once, you can't see everything at once and you have to scroll, right? In this case, we hide the scroll bar. Gracias!

Step 7: Add media queries for responsiveness

```
@media (max-width: 768px) {
   .side-bar {
     display: none;
   }
```

}
We use this media query to make a website responsive on mobile, tablets, and desktop. When the Apple clone is on a device whose screen is less than or equal to 768px (like mobile & tablet), the sidebar will disappear. Also, max-width: 768px means that a device's screen can be less or equal to 768px.

Alright, we have built the layout of our Apple clone.

HTML SOURCE CODE

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Apple Clone</title>
   <link rel="stylesheet" href="./style.css">
</head>
<body>
   <div class="container">
      <div class="navbar">
         <div class="logo">
            <img src="./images/png-apple-logo-9711.png" alt="logo">
         </div>
         <ul id="nav-list">
            <li> Store  </li>
            <li> Mac </li>
            <li> iPad </li>
            <li> iPhone </li>
            <li>  Watch </li>
            <li> AirPods</li>
            <li> TV & Home </li>
            <li>  Entertainment </li>
            <li> Accessories  </li>
            <li>   Support </li>
```

```html
        <img  class="cross" src="./images/close-116-512.png" alt="cross">
      </ul>
      <div class="nav-icons">
        <img src="./images/search-icon-png-9969(1).png" alt="search">
        <img src="./images/shopping-bag.png" alt="shopping">
        <img class="menuopen" src="./images/hamburger-menu-5.png" alt="menu">
      </div>
    </div>
    <div class="offers">
      <p>Get up to ?8000 instant savings on selected products with eligible HDFC Bank
cards. Plus No Cost EMI from most leading banks.
      </p>
      <a href="#">See Offers </a>
    </div>
    <div class="back-video">
      <video autoplay loop muted play-inline >
        <source src="./Videos/y2mate.com - iPhone 15 Official Trailer_1080p(1).mp4"
type="video/mp4">
      </video>
    </div>

    <div class="section">
      <div class="titles">
        <h1> Store.The best way to buy theproducts you love.  </h1>
      </div>
      <div class="services">
        <img src="./images/pexels-italo-melo-2379004.jpg" alt="service">
        <p>Need a Shopping help ? </p>
        <a href="#">Ask a Specialist</a> <br>
        <img src="./images/png-apple-logo-9711.png" alt="service">
        <p>Visit an Apple Store</p>
        <a href="#">Find One Near You</a>
      </div>

      </div>
      <div class="products">
```

```html
    <div class="product">
      <img src="./images/5ec26e0b6c295800046c81db.png" alt="product">
      <a href="#">Macbook</a>
    </div>
    <div class="product">
      <img src="./images/airpods-32430.png" alt="product">
      <a href="#">AirPods</a>
    </div>
    <div class="product">
      <img src="./images/Apple-Watch-PNG-Transparent.png" alt="product">
      <a href="#" >iWatch</a>
    </div>
    <div class="product">
      <img src="./images/darkbomber-552585104b2a15720d3c0b661ce5945c.png" alt="product">
      <a href="#">I Phone</a>
    </div>
    <div class="product">
      <img src="./images/61d4a6218b51e20004664d4c.png" alt="product">
      <a href="#">i Pad</a>
    </div>
    <div class="product">
      <img src="./images/kisspng-apple-macbook-pro-intel-apple-imac-retina-4k-21-5-imac-retina-transparent-amp-png-clipart-free-dow-5cb6725ce50a57.7376126715554607009382.png" alt="product">
      <a href="#">Monitor</a>
    </div>
    <div class="product">
      <img src="./images/pngwing.com(1).png" alt="product">
      <a href="#">New Phones</a>
    </div>
  </div>
  <div class="card-container">
    <h1>The latest. Take a look at what's new right now. </h1>
    <div class="cards">
      <div class="card">
```

```html
            <span>LIMITED TIME OFFER</span>
            <h1>Save on Mac or iPad for university.</h1>
            <p>You'll also save on Apple Pencil, Magic Keyboard for iPad</p>
            <img src="./images/Apple_new-macbookair-wallpaper-
screen_11102020_big.jpg.large.jpg" alt="macbook">
        </div>
        <div class="card">
            <span>LIMITED TIME OFFER</span>
            <h1>MacBook Air 15. Buy Now </h1>
            <p>You'll also save on Apple Pencil, Magic Keyboard for iPad</p>
            <img src="./images/Apple-WWDC23-MacBook-Air-15-in-hero-
230605.jpg.news_app_ed.jpg" alt="macbook">
        </div>
        <div style="background: black;" class="card">
            <span style="color: white;" >LIMITED TIME OFFER</span>
            <h1 style="color: white;" >MacBook Air 15. Buy Now</h1>
            <p style="color: white;">You'll also save on Apple Pencil, Magic Keyboard for
iPad, get 20% off AppleCare+, and more.²</p>
            <img style="height: 180px;" src="./images/gsmarena_001.jpg" alt="iphone">
        </div>
    </div>
</div>
<div class="apple-events">
    <h1>
        Let's Explore Apple Events
         photos</h1>
        <div class="event-pictures">
            <img src="./images/APPLE-EVENT-SEP-2023-WALLPAPER-mod1.jpg"
alt="events">
            <img src="./images/apple-event-wallpaper-iphone.png" alt="events">
        </div>
</div>
<div class="section-3">
    <img src="./images/iphone-15-mockup-png-890-download-96223.png" alt="phone">
    <h1>
        iPhone 15 Pro Leather Case <br>
```

```html
        with MagSafe - Ink
        </h1>
</div>
<div class="menu-items">
   <div class="store">
      <img  src="./images/png-apple-logo-9711.png" alt="logo">
      <p>Apple Online Store</p>
   </div>
   <div class="menu-list">
      <ul>
         <li>Shop and Learn</li>
         <li> Store</li>
         <li>Mac</li>
         <li>iPad </li>
         <li>iPhone </li>
         <li>Watch </li>
         <li>AirPods </li>
         <li> TV & Home </li>
         <li>AirTag </li>
      </ul>
      <ul>
         <li>Apple Podcasts </li>
         <li>Account</li>
         <li>Manage Your Apple ID</li>
         <li> Apple Store Account</li>
         <li> iCloud.com</li>
         <li>Entertainment</li>
         <li> Apple TV+</li>
         <li> Apple Music</li>
         <li>Apple Arcade</li>
      </ul>
      <ul>
         <li>Apple Values</li>
         <li>  Accessibility</li>
         <li>  Environment</li>
         <li> Privacy</li>
```

```html
            <li>  Supplier Responsibility</li>
            <li>   About Apple </li>
            <li>    Newsroom </li>
            <li> Apple Leadership </li>
            <li>  Career Opportunities </li>
            <li> Ethics & Compliance </li>
            <li>    Events </li>
            <li>    Contact Apple </li>
        </ul>
      </div>
      <div class="footer">
          <p>Copyright © 2023 Apple Inc. All rights reserved. Privacy Policy Terms of Use Sales Policy Legal Site Map </p>
      </div>
    </div>
  </div>
  <script>
    let nav_list = document.getElementById('nav-list')
    let openMenu = document.querySelector('.menuopen')
    let cross = document.querySelector('.cross')
    openMenu.addEventListener('click',()=>{
      nav_list.style.opacity = '100%'
      openMenu.style.display ='none'
    })
    cross.addEventListener('click',()=>{
      nav_list.style.opacity = '0%';
      setTimeout(()=>{
        openMenu.style.display ='block'
      },400)
    })

  </script>
</body>
</html>
```

CSS SOURCE CODE

```css
@import
url('https://fonts.googleapis.com/css2?family=Noto+Sans:wght@400;500;800;900&family=Ou
tfit:wght@100;200;500;600;900&family=Poppins:wght@300;400;500&family=Raleway:wght@
600;900&display=swap');
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: 'Poppins', sans-serif;
}

.navbar .logo img{
    height: 20px;
}
.navbar .nav-icons img{
    height: 20px;
    margin-left: 20px;
}
.navbar{
    display: flex;
    justify-content: center;
    padding-top: 10px;
    position: fixed;
    background-color: white;
    top: 0%;
    width: 100%;
    padding-bottom: 10px;
}
.navbar ul{
    display: flex;
    list-style: none;
}
.navbar ul li {
    margin-left: 40px;
```

```css
    font-size: 15px;
}

.offers{
    padding-top: 30px;
    text-align: center;
    background-color: black;
    color: white;
    margin-top: 20px;
    padding-bottom: 10px;
}
.offers a{
    color:  blue;
}

.back-video video{
    width: 100%;
}

.services img{
    height: 30px;
    border-radius: 50%;
    width: 30px;
}

.services a{
    color: blue;
}
.section{
    display: flex;
    justify-content: space-evenly;
    padding-top: 40px;
    background-color: rgba(0, 0, 0, 0.099);
    margin-top: 30px;
}
.titles h1{
```

```css
        font-size: 40px;
    }
    .products{
        display: flex;
        justify-content: space-evenly;
        padding-top: 30px;
        background-color: rgba(0, 0, 0, 0.099);
    }

    .product img{
        height: 90px;
    }
    .product a{
        text-decoration: none;
        color: black;
        margin-top: 20px;


    }
    .product{
        display: flex;
        flex-direction: column;
        align-items: center;
        padding-bottom: 30px;
    }

    .card img{
        height: 220px;
    }
    .card-container{
        margin-top: 30px;
        text-align: center;
    }
    .card{
        height: 470px;
        width: 380px;
        text-align: center;
```

```css
        padding: 20px;
        box-shadow: rgba(100, 100, 111, 0.2) 0px 7px 29px 0px;
        padding-bottom: 30px;
        border-radius: 30px;
        margin-top: 25px;
        transition: 0.7s;
}
.card h1{
        margin-bottom: 20px;
        margin-top: 20px;
}
.card p {
        margin-bottom: 20px;
}
.card-container{
        margin-top: 40px;
}
.cards {
        margin-top: 45px;
        display: flex;
        justify-content: space-evenly;
}

.card:hover{
        transform: scale(1.1);
        cursor: pointer;
}
.event-pictures img{
        height: 400px;
}
.event-pictures{
        display: flex;
        justify-content: space-evenly;
}

.apple-events{
```

```css
        background-color: black;
        color: white;
        margin-top: 100px;
        padding: 40px;
}

.apple-events h1{
        text-align: center;
        margin-bottom: 30px;
}
.section-3 img{
        height: 700px;
}
.section-3{
        display: flex;
        justify-content: space-evenly;
        align-items: center;
        margin-top: 30px;
}
.section-3 h1{
        font-size: 40px;
}

.store {
        display: flex;
}

.store img{
        height: 22px;
}
.menu-list{
        display: flex;
        justify-content: space-evenly;
}
.menu-list ul{
        list-style: none;
```

```css
}
.store{
    margin-left: 5rem;
    padding-top: 20px;
    padding-bottom: 20px;
}
.menu-items{
    margin-top: 30px;
    background-color: rgba(0, 0, 0, 0.099);
}
.footer p{
    text-align: center;
}
.footer{
    padding: 20px;
}
.cross{
    display: none;
}
.menuopen{
    display: none;
}
@media only screen and (max-width:600px) {
    .navbar ul{
        display: none;
    }
    .navbar{
        display: flex;
        justify-content: space-around;
    }
    .navbar ul{
        display: flex;
        flex-direction: column;
        width: 100%;
        padding-bottom: 30px;
        position: absolute;
```

```css
        background-color: white;
        opacity: 0%;
        transition: 0.6s;

}
.navbar ul li{
        padding-top: 30px;
}
.menuopen{
        display: block;
        position: absolute;
        right: 4%;
        top: 25%;

}
.cross{
        display: block;
        position: absolute;
        right: 4%;
        height: 25px;
}
.offers p{
        font-size: 12px;
        margin-top: 20px;
        margin-bottom: 20px;
}
.offers a{
        font-size: 13px;
}
.section{
        display: flex;
        flex-direction: column;
        padding: 30px;
}
.titles h1{
        font-size: 30px;
```

```css
    }
    .cards{
        display: flex;
        flex-direction: column;
        align-items: center;
    }
    .apple-events{
        display: flex;
        flex-direction: column;
    }
    .event-pictures{
        display: flex;
        flex-direction: column;
        align-items: center;
    }
    .event-pictures img{
        height: 350px;
        width: 200px;
    }
    .section-3{
        display: flex;
        flex-direction: column;
        align-items: center;
    }
    .section-3 img{
        height: 400px;
    }
    .section-3 h1{
        font-size: 30px;
        margin: 20px;
    }
    .menu-list ul{
     font-size: 12px;
     padding: 10px;
    }
}
```

OUTPUT:

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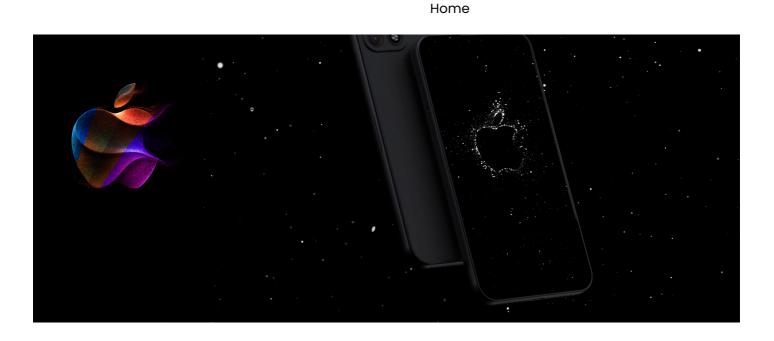
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iPad   Apple Store Account   Privacy
iPhone   iCloud.com   Supplier Responsibility
Watch   Entertainment   About Apple
AirPods   Apple TV+   Newsroom
TV & Home   Apple Music   Apple Leadership
AirTag   Apple Arcade   Career Opportunities
                                                            Ethics & Compliance
                                                            Events
                                                            Contact Apple

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Map

Conclusion:

Building this project helped me solidify my knowledge in the main concepts of HTML,JSS,CSS. This project will include React components, lifecycle methods, statemanagement, passing props from parent to child components, API request and much more.Thus, it was a great overall learning experience. The future work for this react Website will be including major features of Apple such as:
 1. Home feed with infinite scroll.
 2. Latest Launch.
 3. Apple landing page
4. Displaying Featured Video.

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