1Stop (board of education)

Bangalore, karnatka

AN INTERNSHIP REPORT

ON

Responsive-Design-Watches

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

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Affiliated to Visvesvaraya Technological University and Approved by AICTE, New Delhi
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Bangalore , Karnatka   560045

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ABSTRACT

Today wrist watch is considered as much of a status symbol as a device to tell time. In an age when cell phones and digital pagers display tiny quartz clocks, the mechanical wrist watch has slowly become less of an object of function and more a piece of modem culture. Watch is one of the consumer durables whose replacement rate is very high. The Indian watch market has increased at a compound annual growth rate (CAGR) of 9.3% for the period FY'2013. The market for wrist watches formed the major proportion of the market for time pieces with a contribution of approximately 89%, the increasing level of penetration of watches into rural India supported the growth of the watches category. With watches being a popular gift, the growing number of working people in cities led to ongoing. Nowadays, the sale of smart watches is growing worldwide. Consequently, smart watch manufacturers are developing models with an increasing number of possibilities. One of the novelties is that smart watches can be used for surfing the web.

OBJECTIVES

1. Maintains the details of watches.

2. Profits of watches and there sales Analytics .

3. Details of watch companies i.e. No's, Region ,Address

4. List of orders which have not been delivered.

5. List of watches or added in the cart.

6. Shows the customer interest.

7. Maintains the details of companies, and there watches.

INTRODUCTION

The two main sections:

 Backend: codes that are written in Python, PHP, ASP.Net to name but a few by the developer.

And Frontend which is markup showed by clients or users browsers, and for doing this we should use HTML(Hyper Text Markup Language), it just shows some elements for users and doesn't run any functions.

When you go to a specific URL, your request is sent to your desired server and it'll render for your HTML of the site, in fact, the server runs any server-side functions.

The Front-End used in this project is HTML along with the CSS language.

HTML is the standard markup language for creating Web pages.

- HTML stands for Hyper Text Markup Language
- HTML describes the structure of Web pages using markup
- HTML elements are the building blocks of HTML pages
- HTML elements are represented by tags
- It is by default in every window so you don't need to purchase extra software. You can integrate HTML with CSS, JavaScript, php etc.

3.2 FRONT-END DESIGN
3.2.1 Front-end web development details

- **HTML** provides the *basic structure* of sites, which is enhanced and   modified by other technologies like CSS and JavaScript.
- **CSS** is used to control *presentation, formatting, and layout*.
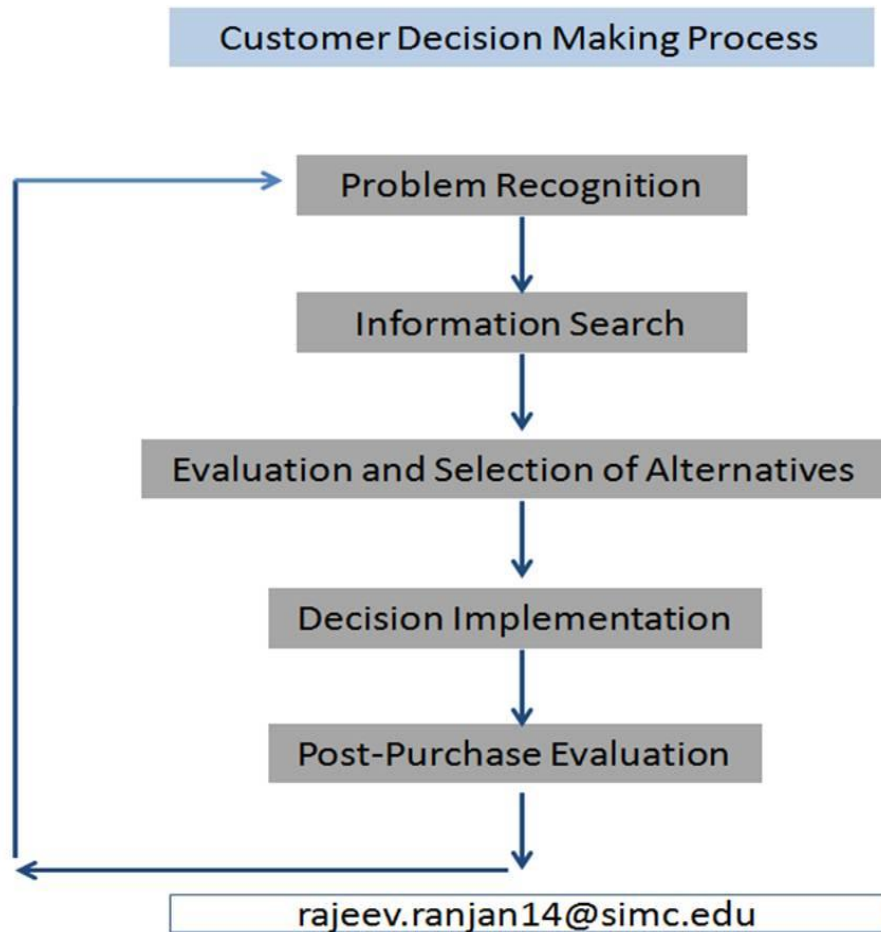- **JavaScript** is used to control the *behavior* of different elements.

HTML

HTML is at the core of every web page, regardless the complexity of a site or number of technologies involved. It's an essential skill for any web professional. It's the starting point for anyone learning how to create content for the web. And, luckily for us, it's surprisingly easy to learn.

CSS

CSS stands for Cascading Style Sheets. This programming language dictates how the HTML elements of a website should actually appear on the frontend of the page.

METHODOLOGY

Customer Decision Making Process

Problem Recognition

↓

Information Search

↓

Evaluation and Selection of Alternatives

↓

Decision Implementation

↓

Post-Purchase Evaluation

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IMPLEMENTATION

Code for Index.html:-

```html
!DOCTYPE html>
  <html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">


    <!--=============== FAVICON ===============-->
    <link rel="shortcut icon" href="assets/img/favicon.png" type="image/x-icon">


    <!--=============== BOXICONS ===============-->
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/boxicons@latest/css/boxicons.min.css">


    <!--=============== SWIPER CSS ===============-->
    <link rel="stylesheet" href="assets/css/swiper-bundle.min.css">


    <!--=============== CSS ===============-->
    <link rel="stylesheet" href="assets/css/styles.css">


    <title>Responsive watches website - Bedimcode</title>
  </head>
  <body>
    <!--=================== HEADER ===================-->
    <header class="header" id="header">
      <nav class="nav container">
        <a href="#" class="nav__logo">
          <i class='bx bxs-watch nav__logo-icon'></i> Rolex
        </a>
```

```html
<div class="nav__menu" id="nav-menu">
  <ul class="nav__list">
    <li class="nav__item">
      <a href="#home" class="nav__link active-link">Home</a>
    </li>
    <li class="nav__item">
      <a href="#featured" class="nav__link">Featured</a>
    </li>
    <li class="nav__item">
      <a href="#products" class="nav__link">Products</a>
    </li>
    <li class="nav__item">
      <a href="#new" class="nav__link">New</a>
    </li>
  </ul>

  <div class="nav__close" id="nav-close">
    <i class='bx bx-x' ></i>
  </div>
</div>

<div class="nav__btns">
  <!-- Theme change button -->
  <i class='bx bx-moon change-theme' id="theme-button"></i>

  <div class="nav__shop" id="cart-shop">
    <i class='bx bx-shopping-bag' ></i>
  </div>
```

```html
            <div class="nav__toggle" id="nav-toggle">
                <i class='bx bx-grid-alt' ></i>
            </div>
        </div>
    </nav>
</header>


<!--=================== CART =====================-->
<div class="cart" id="cart">
    <i class='bx bx-x cart__close' id="cart-close"></i>


    <h2 class="cart__title-center">My Cart</h2>


    <div class="cart__container">
        <article class="cart__card">
            <div class="cart__box">
                <img src="assets/img/featured1.png" alt="" class="cart__img">
            </div>


            <div class="cart__details">
                <h3 class="cart__title">Jazzmaster</h3>
                <span class="cart__price">$1050</span>


                <div class="cart__amount">
                    <div class="cart__amount-content">
                        <span class="cart__amount-box">
                            <i class='bx bx-minus' ></i>
                        </span>


                        <span class="cart__amount-number">1</span>
```

```html
            <span class="cart__amount-box">
                <i class='bx bx-plus' ></i>
            </span>
        </div>


        <i class='bx bx-trash-alt cart__amount-trash' ></i>
      </div>
    </div>
</article>


<article class="cart__card">
    <div class="cart__box">
        <img src="assets/img/featured3.png" alt="" class="cart__img">
    </div>


    <div class="cart__details">
        <h3 class="cart__title">Rose Gold</h3>
        <span class="cart__price">$850</span>


        <div class="cart__amount">
            <div class="cart__amount-content">
                <span class="cart__amount-box">
                    <i class='bx bx-minus' ></i>
                </span>


                <span class="cart__amount-number">1</span>


                <span class="cart__amount-box">
                    <i class='bx bx-plus' ></i>
```

```html
            </span>
          </div>


          <i class='bx bx-trash-alt cart__amount-trash' ></i>
        </div>
      </div>
    </article>


    <article class="cart__card">
      <div class="cart__box">
        <img src="assets/img/new1.png" alt="" class="cart__img">
      </div>


      <div class="cart__details">
        <h3 class="cart__title">Longines Rose</h3>
        <span class="cart__price">$980</span>


        <div class="cart__amount">
          <div class="cart__amount-content">
            <span class="cart__amount-box">
              <i class='bx bx-minus' ></i>
            </span>


            <span class="cart__amount-number">1</span>


            <span class="cart__amount-box">
              <i class='bx bx-plus' ></i>
            </span>
          </div>
```

```html
            <i class='bx bx-trash-alt cart__amount-trash' ></i>
          </div>
        </div>
      </article>
    </div>


    <div class="cart__prices">
      <span class="cart__prices-item">3 items</span>
      <span class="cart__prices-total">$2880</span>
    </div>
  </div>


  <!--=================== MAIN ===================-->
  <main class="main">
    <!--=================== HOME ===================-->
    <section class="home" id="home">
      <div class="home__container container grid">
        <div class="home__img-bg">
          <img src="assets/img/home.png" alt="" class="home__img">
        </div>


        <div class="home__social">
          <a href="https://www.facebook.com/" target="blank" class="home_social-link">

            Facebook
          </a>
          <a href="https://twitter.com/" target="blank" class="home_social-link">
            Twitter
          </a>
          <a href="https://www.instagram.com/" target="blank" class="home_social-link">
```

```html
          Instagram
        </a>
      </div>


      <div class="home__data">
        <h1 class="home__title">NEW WATCH <br> COLLECTIONS B720</h1>
        <p class="home__description">
          Latest arrival of the new imported watches of the B720 series,
          with a modern and resistant design.
        </p>
        <span class="home__price">$1245</span>


        <div class="home__btns">
          <a href="#" class="button button--gray button--small">
            Discover
          </a>


          <button class="button home__button">ADD TO CART</button>
        </div>
      </div>
    </div>
  </section>


  <!--=================== FEATURED ===================-->
  <section class="featured section container" id="featured">
    <h2 class="section__title">
      Featured
    </h2>


    <div class="featured__container grid">
```

```html
<article class="featured__card">
  <span class="featured__tag">Sale</span>

  <img src="assets/img/featured1.png" alt="" class="featured__img">

  <div class="featured__data">
    <h3 class="featured__title">Jazzmaster</h3>
    <span class="featured__price">$1050</span>
  </div>

  <button class="button featured__button">ADD TO CART</button>
</article>

<article class="featured__card">
  <span class="featured__tag">Sale</span>

  <img src="assets/img/featured2.png" alt="" class="featured__img">

  <div class="featured__data">
    <h3 class="featured__title">Ingersoll</h3>
    <span class="featured__price">$250</span>
  </div>

  <button class="button featured__button">ADD TO CART</button>
</article>

<article class="featured__card">
  <span class="featured__tag">Sale</span>

  <img src="assets/img/featured3.png" alt="" class="featured__img">
```

```html
          <div class="featured__data">
            <h3 class="featured__title">Rose gold</h3>
            <span class="featured__price">$890</span>
          </div>

          <button class="button featured__button">ADD TO CART</button>
        </article>
      </div>
</section>

<!--==================== STORY ====================-->
<section class="story section container">
  <div class="story__container grid">
    <div class="story__data">
      <h2 class="section_title story_section-title">
        Our Story
      </h2>

      <h1 class="story__title">
        Inspirational Watch of <br> this year
      </h1>

      <p class="story__description">
        The latest and modern watches of this year, is available in various
        presentations in this store, discover them now.
      </p>

      <a href="#" class="button button--small">Discover</a>
    </div>
```

```html
        <div class="story__images">
          <img src="assets/img/story.png" alt="" class="story__img">
          <div class="story__square"></div>
        </div>
      </div>
    </section>


    <!--==================== PRODUCTS ====================-->
    <section class="products section container" id="products">
      <h2 class="section__title">
        Products
      </h2>


      <div class="products__container grid">
        <article class="products__card">
          <img src="assets/img/product1.png" alt="" class="products__img">


          <h3 class="products__title">Spirit rose</h3>
          <span class="products__price">$1500</span>


          <button class="products__button">
            <i class='bx bx-shopping-bag'></i>
          </button>
        </article>


        <article class="products__card">
          <img src="assets/img/product2.png" alt="" class="products__img">


          <h3 class="products__title">Khaki pilot</h3>
```

CSS:-

```
/========= Colors =========/
  --first-color: hsl(31, 100%, 70%);
  --button-color: hsl(0, 0%, 17%);
  --button-color-alt: hsl(0, 0%, 21%);
  --title-color: hsl(0, 0%, 15%);
  --text-color: hsl(0, 0%, 35%);
  --text-color-light: hsl(0, 0%, 55%);
  --body-color: hsl(0, 0%, 99%);
  --container-color: #fff;
  --border-color: hsl(0, 0%, 94%);


/========= Font and typography =========/
  --body-font: 'Roboto', sans-serif;
  --biggest-font-size: 2rem;
  --h1-font-size: 1.5rem;
  --h2-font-size: 1.25rem;
  --h3-font-size: 1rem;
  --normal-font-size: .938rem;
  --small-font-size: .813rem;
  --smaller-font-size: .75rem;


/========= Font weight =========/
  --font-medium: 500;
  --font-bold: 700;


/========= Margenes Bottom =========/
  --mb-0-5: .5rem;
  --mb-0-75: .75rem;
  --mb-1: 1rem;
```

```css
    --mb-1-5: 1.5rem;
    --mb-2: 2rem;
    --mb-2-5: 2.5rem;
    --mb-3: 3rem;


    /========= z index =========/
    --z-tooltip: 10;
    --z-fixed: 100;
}


@media screen and (min-width: 968px) {
    :root {
        --biggest-font-size: 2.5rem;
        --h1-font-size: 2.25rem;
        --h2-font-size: 1.5rem;
        --h3-font-size: 1.25rem;
        --normal-font-size: 1rem;
        --small-font-size: .875rem;
        --smaller-font-size: .813rem;
    }
}


/=============== BASE ===============/
* {
    box-sizing: border-box;
    padding: 0;
    margin: 0;
}


html {
```

```css
  scroll-behavior: smooth;
}

body,
button,
input {
  font-family: var(--body-font);
  font-size: var(--normal-font-size);
}

body {
  margin: 0;
  background-color: var(--body-color);
  color: var(--text-color);
  /For animation dark mode/
  transition: .4s;
}

h1, h2, h3, h4 {
  color: var(--title-color);
  font-weight: var(--font-medium);
}

ul {
  list-style: none;
}

a {
  text-decoration: none;
}
```

```css
img {
  max-width: 100%;
  height: auto;
}

button {
  cursor: pointer;
  border: none;
  outline: none;
}

/============== THEME ==============/
/========= Variables Dark theme =========/
body.dark-theme {
  --first-color: hsl(31, 76%, 74%);
  --button-color: hsl(0, 0%, 24%);
  --button-color-alt: hsl(0, 0%, 28%);
  --title-color: hsl(0, 0%, 95%);
  --text-color: hsl(0, 0%, 75%);
  --body-color: hsl(0, 0%, 12%);
  --container-color: hsl(0, 0%, 16%);
  --border-color: hsl(0, 0%, 20%);
}

/========= Button Dark/Light =========/
.change-theme {
  color: var(--title-color);
  font-size: 1.25rem;
  cursor: pointer;
```

```css
}


/*==========
    Color changes in some parts of
    the website, in dark theme
==========*/
.dark-theme .change-theme,
.dark-theme .nav__toggle,
.dark-theme .nav__shop,
.dark-theme .button--gray {
  color: hsl(0, 0%, 15%);
}


.dark-theme .scroll-header {
  box-shadow: 0 1px 4px hsla(0, 0%, 4%, .3);
}


.scroll-header .change-theme,
.scroll-header .nav__toggle,
.scroll-header .nav__shop {
  color: var(--title-color);
}


.dark-theme::-webkit-scrollbar {
  background: hsl(0, 0%, 30%);
}


/=============== REUSABLE CSS CLASSES ===============/
.container {
  max-width: 1024px;
```

```css
  margin-left: var(--mb-1-5);
  margin-right: var(--mb-1-5);
}

.grid {
  display: grid;
}

.main {
  overflow: hidden;
}

.section {
  padding: 6.5rem 0 1rem;
}

.section__title {
  position: relative;
  font-size: var(--h3-font-size);
  margin-bottom: var(--mb-3);
  text-transform: uppercase;
  letter-spacing: 2px;
  text-align: center;
}

.section__title::before {
  content: '';
  position: absolute;
  top: -1rem;
  left: 0;
```

```css
  right: 0;

  margin: 0 auto;

  width: 67px;

  height: 1px;

  background-color: var(--first-color);

}


/=============== HEADER & NAV ===============/
.header {

  width: 100%;

  background: transparent;

  position: fixed;

  top: 0;

  left: 0;

  z-index: var(--z-fixed);

  /For animation dark mode/

  transition: .4s;

}


.nav {

  height: var(--header-height);

  display: flex;

  justify-content: space-between;

  align-items: center;

}


.nav__logo,

.nav__toggle,

.nav__shop,

.nav__close {
```

```css
  color: var(--title-color);
}

.nav__logo {
  text-transform: uppercase;
  font-weight: var(--font-bold);
  letter-spacing: 1px;
  display: inline-flex;
  align-items: center;
  column-gap: .25rem;
}

.nav__logo-icon {
  font-size: 1.25rem;
}

.nav__btns {
  display: flex;
  align-items: center;
  column-gap: 1rem;
}

.nav__toggle,
.nav__shop {
  font-size: 1.25rem;
  cursor: pointer;
}

@media screen and (max-width: 767px) {
  .nav__menu {
```

```css
    position: fixed;

    background-color: var(--body-color);

    top: 0;

    right: -100%;

    width: 100%;

    height: 100%;

    padding: 6rem 2rem 3.5rem;

    transition: .3s;

  }
}

.nav__list {
  display: flex;
  flex-direction: column;
  align-items: center;
  row-gap: 2rem;
}

.nav__link {
  color: var(--title-color);
  font-weight: var(--font-medium);
  text-transform: uppercase;
  font-size: var(--h2-font-size);
  transition: .3s;
}

.nav__link:hover {
  color: var(--first-color);
}
```

```css
.nav__close {
  font-size: 2rem;
  position: absolute;
  top: .9rem;
  right: 1.25rem;
  cursor: pointer;
}

/* Show menu */
.show-menu {
  right: 0;
}

/* Change background header */
.scroll-header {
  background-color: var(--body-color);
  box-shadow: 0 1px 4px hsla(0, 4%, 15%, .10);
}

/* Active link */
.active-link {
  color: var(--first-color);
}

/=============== HOME ===============/
.home__container {
  position: relative;
  row-gap: 2.5rem;
}
```

```css
.home__img {
  width: 240px;
}

.home__img-bg {
  background-color: var(--first-color);
  width: 258px;
  height: 430px;
  padding-bottom: 2rem;
  display: flex;
  justify-content: center;
  align-items: flex-end;
  justify-self: flex-end;
  transform: translateX(1.5rem);
}

.home__social {
  position: absolute;
  top: 35%;
  left: -5rem;
  transform: rotate(-90deg);
  display: flex;
  column-gap: 1rem;
}

.home__social-link {
  font-size: var(--smaller-font-size);
  color: var(--text-color-light);
  transition: .3s;
}
```

```css
.home__social-link:hover {
  color: var(--title-color);
}

.home__title {
  font-size: var(--biggest-font-size);
  font-weight: var(--font-bold);
  margin-bottom: var(--mb-1);
}

.home__description {
  margin-bottom: var(--mb-1-5);
}

.home__price {
  display: inline-block;
  font-size: var(--h2-font-size);
  font-weight: var(--font-medium);
  color: var(--first-color);
  margin-bottom: var(--mb-3);
}

.home__btns {
  display: flex;
  align-items: center;
}

.home__button {
  box-shadow: 0 12px 24px hsla(0, 0%, 10%, .2);
```

```css
}

/=============== BUTTONS ==============/
.button {
  display: inline-block;
  background-color: var(--button-color);
  color: #FFF;
  padding: 1.25rem 2rem;
  font-weight: var(--font-medium);
  transition: .3s;
}

.button:hover {
  background-color: var(--button-color-alt);
}

.button--gray {
  background-color: hsl(0, 0%, 75%);
  color: var(--title-color);
}

.button--gray:hover {
  background-color: hsl(0, 0%, 63%);
}

.button--small {
  padding: 1rem 1.5rem;
}

/=============== FEATURED ==============/
```

```css
.featured__container {
  row-gap: 2.5rem;
}

.featured__card {
  position: relative;
  text-align: center;
  background-color: var(--container-color);
  padding-top: 2rem;
  border: 1px solid var(--border-color);
  overflow-y: hidden;
  transition: .3s;
}

.featured__tag {
  background-color: var(--first-color);
  padding: .5rem 1rem;
  color: #fff;
  text-transform: uppercase;
  font-size: var(--small-font-size);
  font-weight: var(--font-medium);
  position: absolute;
  transform: rotate(-90deg);
  left: -1rem;
  top: 3rem;
}

.featured__img {
  height: 214px;
  margin-bottom: var(--mb-1);
```

```css
}

.featured__title,
.featured__price {
  font-size: var(--h3-font-size);
  font-weight: var(--font-bold);
}

.featured__title {
  text-transform: uppercase;
  margin-bottom: var(--mb-0-75);
}

.featured__price {
  display: block;
  color: var(--first-color);
  transition: .3s;
}

.featured__button {
  font-size: var(--small-font-size);
  transform: translateY(1rem);
  opacity: 0;
}

.featured__card:hover {
  box-shadow: 0 12px 32px hsla(0, 0%, 20%, .1);
  padding: 2rem 0 3rem 0;
}
```

```css
.featured_card:hover .featured_button {
 transform: translateY(0);
 opacity: 1;
}

.featured_card:hover .featured_price {
 margin-bottom: var(--mb-1-5);
}

/=============== STORY ===============/
.story__container {
 row-gap: 7.5rem;
}

.story__title {
 font-size: var(--h1-font-size);
 margin-bottom: var(--mb-1);
}

.story__description {
 margin-bottom: var(--mb-2-5);
}

.story__images {
 position: relative;
}

.story__img,
.story__square {
 width: 250px;
```

```css
}

.story__square {
  height: 250px;
  background-color: var(--first-color);
}

.story__img {
  position: absolute;
  left: 3rem;
  top: -3rem;
}

/=============== PRODUCTS ===============/
.products__container {
  grid-template-columns: repeat(2, 1fr);
  gap: 2rem;
}

.products__card {
  position: relative;
  background-color: var(--container-color);
  padding: 1.25rem 0;
  border: 1px solid var(--border-color);
  text-align: center;
  transition: .3s;
}

.products__img {
  height: 125px;
```

```css
    margin-bottom: var(--mb-1);
}


.products__title,
.products__price {
  font-size: var(--small-font-size);
  font-weight: var(--font-medium);
}


.products__title {
  text-transform: uppercase;
  margin-bottom: var(--mb-0-5);
}


.products__price {
  color: var(--first-color);
}


.products__button {
  background-color: var(--button-color);
  padding: .4rem;
  color: #fff;
  font-size: 1rem;
  position: absolute;
  right: 0;
  bottom: 0;
  transition: .3s;
}


.products__button:hover {
```
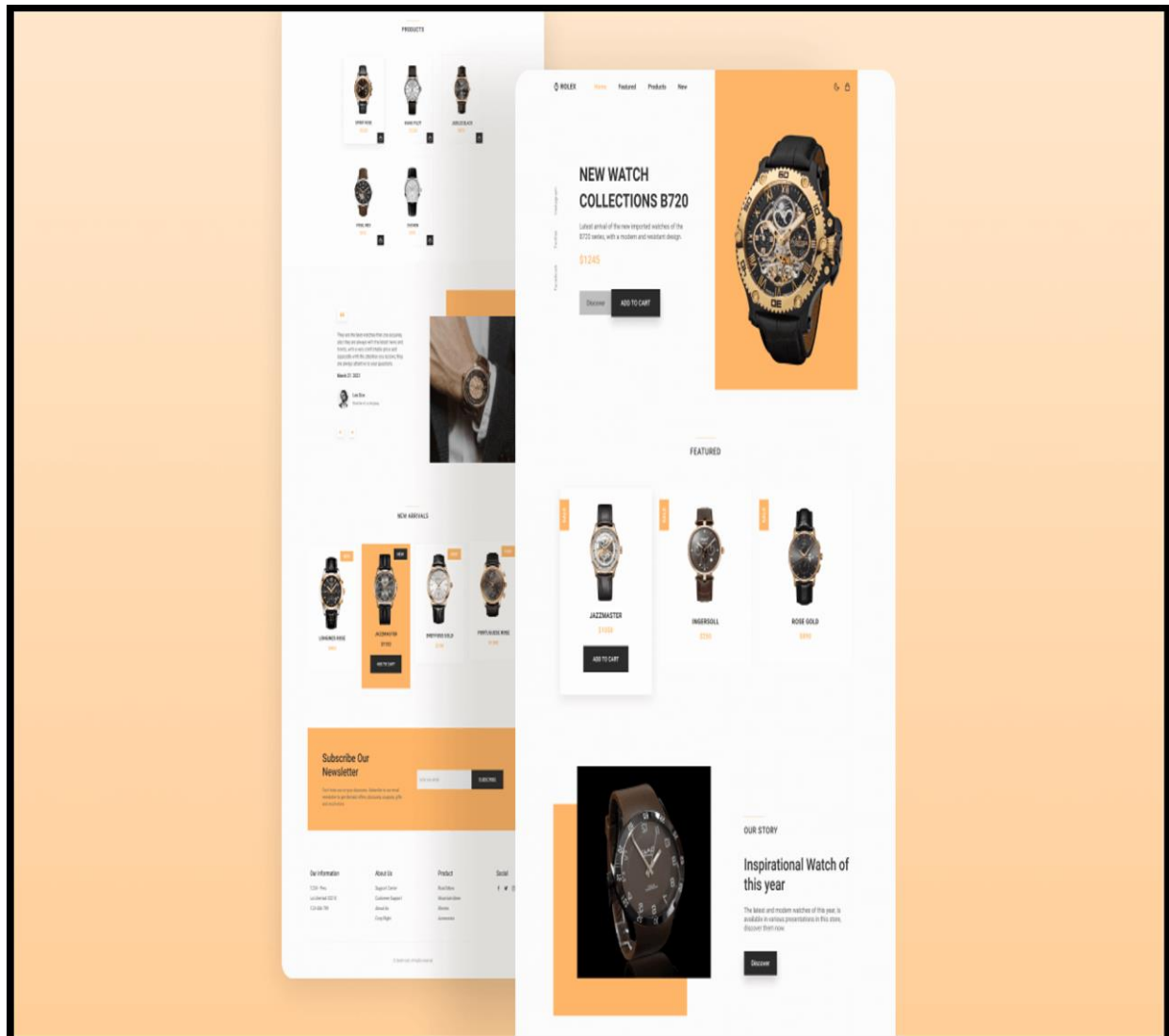
```css
  background-color: var(--button-color-alt);
}


.products__card:hover {
  box-shadow: 0 8px 32px hsla(0, 0%, 10%, .1);
}
```

OUTPUT:-

CONCLUSION:-

While developing this project we have learnt a lot about HTML/CSS/JS/PHP/MySQL and working with database management, we have also learnt how to make the application userfriendly (easy to use and handle) by hiding the complicated parts of it from the users. During the development process, we studied carefully and understood the criteria for making a software more demanding, we also realized the importance of maintaining a minimal margin for errors. Many things were there which I studied in deep also about it , to implement this page.