**Product Page Design Overview (Kravspecifikation)**

**Introduction:**

In this project, I was tasked with creating a product page using a combination of HTML, CSS, and JavaScript. The primary objective was to design a user-friendly interface, leveraging flexbox for better control over layout elements.

**Layout:**

The product page comprises two main divisions to organize content effectively. One is upper side and other is under of upper div.

**Upper Section (First Div):**

This section encompasses the primary details of the product. I created two divs in this section.

**Left div:** In this div, I created two divs. In the first div, the product heading is prominently displayed.

The 2nd div I created two divs inside it. In the first div, product information is displayed along with the 2nd div, which has a slideshow displaying various images of the product. To see the pictures of the product, customers can click on it and see all pictures of the product. To give functionality to the slideshow, I used JavaScript.

**Right Div:**

In this div, I provide essential pricing information, including the product's price and available installment options. Here, customers can decide if they want to buy this product in one-time payment or installment. Insurance details regarding insurance coverage for the product are also presented here.

**Pop-up Windows:**

To offer users more detailed information, pop-up windows are integrated into the page. Users can access comprehensive product information and insurance details through these pop-ups. To open a pop-up, customers can click on info or the heading of insurance. Then a new window can open, and customers can read detailed information about the product insurance. They can be easily closed either by clicking the 'x' button or anywhere outside the pop-up window. When the pop-up is opened, the shade of the body will be a little dark to make it easier for customers to read the information on the pop-up. JavaScript is utilized to enable this functionality.

JavaScript code that I used that is here:-

document.addEventListener('DOMContentLoaded', function() {

  const infoLink = document.querySelector('.infoside');

  const tryghetLink = document.querySelector('.tryghet');

  const popup = document.querySelector('.popups');

  const bodyOverlay = document.querySelector('.body-overlay');

  infoLink.addEventListener('click', togglePopup);

  tryghetLink.addEventListener('click', togglePopup);

  document.getElementById('cross').addEventListener('click', togglePopup);

  bodyOverlay.addEventListener('click', closePopupOutside);

  function togglePopup() {

      popup.style.display = popup.style.display === 'none' ? 'block' : 'none';

      bodyOverlay.style.display = bodyOverlay.style.display === 'none' ? 'block' : 'none';

      document.body.classList.toggle('popup-open');

      if (popup.style.display === 'block') {

          document.body.style.overflow = 'hidden'; // Disable scrolling

      } else {

          document.body.style.overflow = ''; // Enable scrolling

      }

  }

  function closePopupOutside(event) {

      if (event.target === bodyOverlay) {

          popup.style.display = 'none';

          bodyOverlay.style.display = 'none';

          document.body.classList.remove('popup-open');

          document.body.style.overflow = ''; // Enable scrolling

      }

  }

});

**Shopping Basket:**

A convenient 'Add to Cart' button is included to facilitate easy purchase placement, enhancing the user shopping experience.

**Additional Information Section:**

This section furnishes users with crucial details beyond product specifications.

**Return Policy**: Clearly outlines the terms and conditions for product returns.

**Delivery Details:** Highlights the threshold for free delivery and provides information on same-day delivery options.

**Product Availability**: Users can check the availability of the product in nearby stores by entering their postal code. A pop-up window displays the list of stores where the product is stocked, offering users added convenience.

**Detailed Product Information (Second Div):**

2nd main div: In the 2nd main div, I created two divs, first on the left side and the 2nd on the right side. In the **left side div**, I provided detailed information about the product. The information headings that I used are here:

* **Accessories**
* **Reviews**
* **FAQs**
* **Technical Specifications**
* **Product Description**

In the product detail window, if the customer likes to close it, they can click on the heading of 'productbeskrivning' or a down arrow that is also fixed in this section. In the details, I provide deep information about the product and put some pictures in it.

**Product Cards (Right Side Div):**

**Right side Div**: Here, I created a product card with the heading mentioning that other customers also see this product. And after this card, I created three more cards with the same heading, which I mentioned that other customers have visited these products.

**CSS PROPERTIES**

CSS properties such as max-width, flex display, padding, margin, etc., are utilized to style these cards.

**Responsive Design:**

The page is designed to be responsive across various screen sizes, ensuring an optimal user experience on both small and large devices. Media queries are employed to adapt the layout and styling based on the device's screen dimensions.