SILESIAN UNIVERSITY OF TECHNOLOGY FACULTY OF AUTOMATIC CONTROL, ELECTRONICS AND COMPUTER SCIENCE - FinTax - Raport 5, Part 2.

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1 Introduction

This week, due to time constraints, we focused on refining the website, improving its responsiveness, fixing visual errors, and started working on JavaScript animations.

2 Javascript

Briefly describing what we have done so far - We transferred the animation on the homepage and "about us" to JavaScript from CSS. Below, we include our code used for the animation.

We also incorporated the wow.js library to simplify certain animations on the website.

3   HTML, CSS, Grid:

- We fine-tuned the main page for responsiveness.

- Added a button to scroll back to the top of the page (we decided not to use a sticky navbar).

- Removed several images, replacing them with a pink background while waiting for images and logos from the graphic designer, allowing us to check if the text stands out.

- Added text highlighting by introducing animation and shadows.

- Implemented a registration form and an initial version of data validation (imposing a restriction that passwords must be at least 8 characters long).

- Created a preliminary layout for the "offers" page and refined the "about us" section.

Additionally, we are attaching a preview video of our website to demonstrate its behavior and appearance. https://youtu.be/6mplAblr9B8

We would also like to apologize for the delay, it results from the invoice of time taken by PBL from the team working with the Korean University of Technology

```javascript
(function ($) {
    "use strict";

    // Spinner
    var spinner = function () {
        setTimeout(function () {
            if ($('#spinner').length > 0) {
                $('#spinner').removeClass('show');
            }
        }, 1);
    };
    spinner(0);


    // Initiate the wowjs
    new WOW().init();


    // Back to top button
    $(window).scroll(function () {
    if ($(this).scrollTop() > 300) {
        $('.back-to-top').fadeIn('slow');
    } else {
        $('.back-to-top').fadeOut('slow');
    }
    });
    $('.back-to-top').click(function () {
        $('html, body').animate({scrollTop: 0}, 1500, 'easeInOutExpo');
        return false;
    });
```

Figure 1: 1 part of out code

```
33    // Blog carousel
34    $(".blog-carousel").owlCarousel({
35        autoplay: true,
36        smartSpeed: 1000,
37        center: false,
38        dots: false,
39        loop: true,
40        margin: 50,
41        nav : true,
42        navText : [
43            '<i class="bi bi-arrow-left"></i>',
44            '<i class="bi bi-arrow-right"></i>'
45        ],
46        responsiveClass: true,
47        responsive: {
48            0:{
49                items:1
50            },
51            768:{
52                items:2
53            },
54            992:{
55                items:2
56            },
57            1200:{
58                items:3
59            }
60        }
61    });
62
```

Figure 2: 2 part of out code

```
    // Testimonial carousel
    $(".testimonial-carousel").owlCarousel({
        autoplay: true,
        smartSpeed: 1500,
        center: true,
        dots: true,
        loop: true,
        margin: 50,
        nav : true,
        navText : [
            '<i class="bi bi-arrow-left"></i>',
            '<i class="bi bi-arrow-right"></i>'
        ],
        responsiveClass: true,
        responsive: {
            0:{
                items:1
            },
            576:{
                items:1
            },
            768:{
                items:2
            },
            992:{
                items:2
            },
            1200:{
                items:3
            }
        }
    });

})(jQuery);
```

Figure 3: 3 part of out code