Vidzeme University of Applied Sciences

**Faculty of Engineering**

Web Technologies and Secure Websites

group 02

practical work #1

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**CONTENT**

[**1 Project overview 4**](#)

[**2 Design & Development Process 4**](#)

[2.1 Chapter-2.1 4](#_4vipgdn34i0c)

[2.1.1 Chapter-2.1.1 4](#_s1aeceib2kj1)

[2.1.2 Chapter-2.1.2 4](#_5xemr47krqwt)

[2.2 Chapter-2.2 4](#_g1w8q2seysql)

[**3 Challenges & Solutions 4**](#)

[**List of used resources 5**](#_wk1fhy3p80ha)

[**APPENDIX 1 6**](#_32ndblxg6513)

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| **Contacts and responsible (-s)** | | | |
| --- | --- | --- | --- |
| Name Surname | Department | Position | Contact information (e-mail) |
| Niks Daniels Kalniņš | Group #02 | Coordinator | niksdaniels.kalnins@va.lv |
| Toms Lodiņš | Group #02 | Member | toms.lodins@va.lv |
| Anrians Fedotovs | Group #02 | Member | anrians.fedotovs@va.lv |
|  |  |  |  |
|  |  |  |  |

# Project overview

We are Group02, our team - Anrians Fedotovs, Toms Lodiņš and Niks Daniels Kaniņš.

Our website is designed for a web development company to use as their company website. The website would provide potential client information about the company and their services.

Target audience - potential web development companies customers.

# Design & Development Process

We started by creating the project folders and setting up all the required HTML files and a CSS file. Then, we linked the CSS file to all pages so that they share the same styles.

Next, we built each page one by one. The homepage was done first, with a title, short text, a button, and some feature boxes. After that, we made the about page, added fake team member names and roles, a short mission, and a basic timeline.

For the services page, we added three simple service blocks with text and example icons. On the contact page, we included a form and some contact details like email and phone.

After the HTML was done, we styled everything with CSS. We used Flexbox for layouts and made sure everything looked clean and centered. We also added hover effects for buttons and links to make the site feel more interactive.

Lastly, we tested the site on different screen sizes using Chrome DevTools and added some media queries so that everything still looks good on phones and tablets.

## Website layout and structure

We made the website with four main pages: a homepage, an about page, a services page, and a contact page. At the top of each page, there’s a navigation bar so you can move between pages easily.

The homepage starts with a big welcome message and a button that links to the services. Below that, we added a short description of what the website is about and three boxes that show the main features.

On the about page, we added some made-up team members with roles and profile pictures. There’s also a short mission statement and a list showing how the project started.

The services page lists three example services with icons, titles, and short descriptions. Finally, the contact page has a form where you can enter your name, email, and message, plus some fake contact info below it.

All pages share the same layout so it looks clean and is easy to follow.

## Color scheme and images used

Our website uses a minimalistic color palette with soft contrast for readability. The main colors include:

* #f8f9fa – Light gray for background
* #343a40 – Dark gray for navigation and footer
* #007bff – Blue for links and buttons
* #28a745 – Green for submit actions

These colors were selected to maintain a professional and simple look. Hover effects use slightly darker tones for interactivity without overwhelming the design.

Images used across the site are placeholders representing team members and icons in the services section.

# Challenges & Solutions

While building the website, we had one issue that we had to figure out.

The issue was getting the footer to stay at the bottom of the page. At first, it sometimes showed up in the middle of the screen or right after short content. We fixed it by placing all contents of the page, except footer, into a wrapper class container.

# APPENDIX 1

<https://github.com/NixsDK/WebAssignments/tree/main> **<- Github repository with the code**