Vidzeme University of Applied Sciences

**Faculty of Engineering**

Web Technologies and Secure Websites

group 05

large project work : A kebab place

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CONTENT

1 Content 4

2 Implementation of Bootstrap and JavaScript 4

2.1 Bootstrap navigation bar 4

2.1.1 Bootstrap navigation bar design 4

2.2 Updates to index.html hero section 5

2.2.1 Updated index.html 5

2.3 Services.html changes 5

2.4 About.html changes 6

2.4.1 About.html changes 7

2.5 Contact.html changes 7

3 JavaScript implementation 8

List of used resources 8

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# Project planning

**The purpose and objectives of the website:** To create a intuitive and accessible application for kebab business and their customers.

**Target audience:**

* Customers looking for an easy-to-use app to find their favorite kebab places.
* Kebab shop owners who want a digital platform to grow their business.

**Features and functionalities:**

* Easy to navigate front end
* Backend with user-friendly interactions in mind
* CRUD operations for system administrators
* Organized structure for future scalability
* Display of products from the database

**Roles and responsibilities of each member:**

In this large project work, each team member does anything they want to contribute to the project, the main mission is to successfully finish the project. The roles get distributed depending on time and keeping in mind each other’s strong suits.

# Frontend Development (Client-Side)

We took one of our first group projects as a template, to base this application. We have created multiple html pages, which will make the application more user-friendly.

## HTML

We created multiple pages: ‘’index.html, about.html, home.html, contact.html” and many more to make the application full of features to ensure that it looks like the application is proper and adequate.

## CSS & Bootstrap

With help of CSS and Bootstrap, we’ve improved the design of our site, so the site itself seems more easily to interact with, and we also kept in mind the resizing of the app for phone users, so the app automatically adjusts to the size of your screen.

# JavaScript implementation

We implemented JavaScript mainly for such tasks, which other programming languages can’t. At the very start of this project, we created a separate folder and a separate file for it. Then we connected it to each HTML file. We made a JavaScript script which automatically, changes the design of the navigation bar dependent on the page, for example, if you’re at the home page, the home page button will be colored a bit more darkly than the other buttons.

# Backend Development (Server-Side)

We have created a database which contains user information, which is necessary to log in as a guest or login in as a system administrator. We have implemented CRUD operations for the table ‘’menu’’, in which an administrator is able to edit, delete, and add new food items to the menu.

# MySQL Database

We have created a database structure which corresponds with our plan. We have created tables which contain food lists and user lists. We’ve used multiple SQL queries for data manipulation using CRUD operations.

# Functionalities

We’ve added a login and register options to the index.html, which ensures that to proceed a user has to be logged in, since it would be unfruitful, if a user was to able to order anything without an account, leaving the business vulnerable to fraud.

# List of used resources