

Tallinna Tehnikaülikool

Online healthy food ordering

Home project

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AUTHOR'S DECLARATION

I hereby certify that the work in question is the result of my personal work. All sources used to compile the work are cited. This work has never been published anywhere else before.

PROJECT DESCRIPTION

The theme of this home project is - Online food ordering from a healthy restaurant.

We have a company called HealthyFoodAndMe that specializes in providing people with healthy food experiences by preparing food in a high-quality restaurant. Healthy foods and drinks can be ordered through the company's website. There is also the possibility to order different meals on the spot in the restaurant. The restaurant is represented in several towns around the country to ensure that a large number of people can have access to healthy and tasty food. In each town there are a certain amount of restaurants that have been divided across areas in the town.

Every HealthyFoodAndMe restaurant is staffed by a number of chefs as well as cleaners and other workers. The role and the working time of the restaurant worker is brought out in the `Person_in_restaurant` entity. Customers of the restaurant have the opportunity to choose from a wide selection of healthy foods and drinks they want to add to their order. After they have finished with adding items to their order, they are then presented a bill, which they have to pay for. Work on the order will begin by the restaurant's chefs after the customer has paid at least half the price for the order. The status of the order will be updated when it is advanced in the making. Customers also have the option to pay for the order in installments. For example, half the price of the order via the web and the other half when receiving the product. As a result, customers also have several options for paying their bill - cash (on the spot), by card or by wire transfer.

The restaurant offers people a variety of healthy, wholesome meals that are balanced and filled with macronutrients, vitamins and fresh ingredients. Customers also have the opportunity to make a food item of their choice by choosing the ingredients they like. All the ingredients, food and drink items will be added to the customers order. The customer can also choose the type of order - whether the food will be delivered to them or they will collect it themselves. Each food item also has its own type. For example, you have the option of choosing between salty meals and sweet food items.

People have the opportunity to create a user on the restaurant's website, which makes the user experience much easier and more convenient. Registered users can see their previous orders and if they were satisfied with their previous order then they can re-place the order with a single click of a button. Naturally, it is not mandatory for the person to have an account on the restaurants website to make an order. If the person does not have an account and wants to order a product from the website then he/she must write down his/her contact details before submitting the order. The website also has an administrator who performs daily tasks that are required to maintain a website. The role of the administrator is brought out in the `Role` entity

From time to time, the restaurant also arranges campaigns on its products. When a campaign is announced on an item, the price will be discounted on the given item.

I got the motivation for my project idea as I had to prepare a business plan within the subject `Ettevõtluse alused` (ICY0029). After a long period of thought, the idea came to me to create a restaurant company that would serve people who value delicious and healthy foods. It would

be extremely important for the company to have a website, as this would make it easier for customers to order their favorite dishes and drinks.

ERD

