Web Application for user update on supermarket offers

G. Lampadakis, C. Lioutas

Abstract

The subject of this paper concerns the development of a web application which provides the offers that the supermarkets make about their products. These offers are available for everyone to see and the users are able to search through them in order to find what they need. Some supermarkets have made similar applications for their own products but the purpose of this application is to collect all the offers from every willing supermarket and provide them to the users. The responsive function has made this web application easily adjustable to every screen size so the user can access it from smartphones, tablets and PCs.

1. Introduction

The use of technology in the modern day to help citizens find fast and economic offers on the products they desire. Also, the methods and techniques used in this web application are explained thoroughly so they can be used as an example by others.

2. Overview

2.1. Developing Tools

Before the initialization, the developer ought to find the best tools to use, such as the framework and the IDE.

2.2. Web application analysis

An insight of how the web application will function. Creation of a hierarchical tree with distinct roles for each level.

2.3. Database schema creation

The creation of the database after taking into account what is needed. This process is not completed from the beginning.

2.4. The web application in the Visual Studio

Initialization of the project and step-by-step creation of the core files.

3. Conclusions

The present thesis is dealing with the ability of the technology to make people's needs easier to be dealt with. Using their phones, they can quickly find offers of their favorite products. Also, the creation of a web application from scratch stands as an example for anyone who wants a guide in their early developing steps.

References

ADO.NET Entity Data Model Tools. (2011, Septempber 1). Ανάκτηση από Microsoft Developer Network: https://msdn.microsoft.com/library/91076853-0881-421b-837a-f582f36be527

C Sharp (programming language). (2018, February 4). Ανάκτηση από Wikipedia, the free encyclopedia: https://en.wikipedia.org/wiki/C_Sharp_(programming_language)

Entity Framework. (2017, November 29). Ανάκτηση από Wikipedia, the free encyclopedia: https://en.wikipedia.org/wiki/Entity_Framework

Git. (2018, January 26). Ανάκτηση από Wikipedia, the free encyclopedia: https://en.wikipedia.org/wiki/Git

Integrated development environment. (2018, January 16). Ανάκτηση από Wikipedia, the free encyclopedia: https://en.wikipedia.org/wiki/Integrated_development_environment

Microsoft Visual Studio. (2018, February 4). Ανάκτηση από Wikipedia, the free encyclopedia: https://en.wikipedia.org/wiki/Microsoft_Visual_Studio

Model-view-controller. (2018, January 29). Ανάκτηση από Wikipedia, the free encyclopedia: https://en.wikipedia.org/wiki/Model%E2%80%93view%E2%80%93controller

RoMiller. (2016, July 26). *Introduction to Entity Framework*. Ανάκτηση από Microsoft Developer Network: https://msdn.microsoft.com/en-us/library/aa937723(v=vs.113).aspx#What%20is%20Entity%20Framework

Rouse, M. (2017, February). *database (DB)* . Ανάκτηση από Techtarget Network: http://searchsqlserver.techtarget.com/definition/database