

Owning a web page is a necessity for the youth organizations. This thesis is a tool created to simplify the creation of such a page. It contains advanced functionality which enables its user to build a modern web page without the programming knowledge necessary.

From implementation point of view, it is a middleware with REST-like architecture, written in C# language, utilizing the ASP.NET Core and Entity Framework Core.

It offers a database with complex entity relations, example frontend, automatically generated PHP library and a documentation describing usage of each endpoint using a PHP function.

The thesis focuses on those aspects of the web page development that lead to its simplification.