DEVELOPMENT OF A WEB APPLICATION
“DIGITAL MARKET”

Supervisor
P.S. Kostenetskiy

Student
Z.D.S. Albadran

Reviewer
CEO of Megarender Ltd.
V.V. Yurkov
GOAL AND OBJECTIVE

Goal:

Development of a web application “Digital Market”

Objective:

1) Analyse the subject area
2) Install DBMS MS SQL Server.
3) Design and create a database.
4) Design “Digital market” web application connected to the database.
5) Design tests and test the application.
THE PRACTICAL SIGNIFICANCE

This project useful, because it contains important features to assist easy transaction online:

1) Users can create and edit specifications of their Items.
2) Users can make deal with web-application easily.
3) The web-application has no limit on the number of users.
DATABASE SCHEMA
SOFTWARE DEVELOPMENT

- 4000 lines of source code
- 32 files (html, JS, C#, CSS, SQL Query)

USED TECHNOLOGIES

- Visual studio & MS SQL Server:
  - Developing a web application by utilizing “ASP.net, CSS, HTML and SQL-Server”.
- App Server:
  - Local Server.
- Software Ideas Modeler:
  - Platform for UML diagrams design.
VIEWS OF THE WEB APPLICATION

- HOME PAGE
- SIGN UP PAGE
VIEWS OF THE WEB APPLICATION

- LOG IN PAGE
- SELLER PAGE
VIEWS OF THE WEBAPPLICATION

- SELLER FUNCTIONS
- ADD BRAND FUNCTION
VIEWS OF THE WEB APPLICATION

- ADD CATEGORY FUNCTION
- ADD SUB CATEGORY
VIEWS OF THE WEB APPLICATION

- FUNCTION ADD ITEM
- FUNCTION ADD ITEM
VIEWS OF THE WEB APPLICATION

- FUNCTION ADD ITEM
- BUYER PAGE
VIEWS OF THE WEB APPLICATION

- ITEMS PAGE
- CLICKING ON THE PHOTO
VIEWS OF THE WEB APPLICATION

- THE CART PAGE
- SELLING PAGE
VIEWS OF THE WEB APPLICATION

ADMIN PAGE
PERSPECTIVES

1. The Admin will can see all the prices and can calculate all the transaction.
2. A user can put any feedback for the products.
3. User can Manage his Items as he want successfully and Easley.
4. Improvement in home page design.
MAIN RESULTS

During the developing of the web application, I solved the following tasks:

1. Install DBMS MS SQL Server.
2. Design and create a database.
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4. Design tests and test the application.