Visoka strukovna škola za informacione i komunikacione tehnologije

Dokumentacija

Predmt: Web programiranje PHP2

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1.0 Introduction

"Winter" is online shop which is intended for online purchase.

1.1 Used programming languages

HTML5, CSS3, Bootstrap, JavaScript, jQuery,Toastr.js, Objected PHP, MySQL.

Code was written in JetBrains PHPStorm.

1.2 Template

Template has been downloaded from https://colorlib.com/ . Website is fully responsive for all devices with some of my little alteration.

1.3 Website functionalities

Logging users: The procedure is done by submitting form values to dologin page case which then sends it to controller that checks the data and if everything is successfully checked, passes it to method called from appropriate model. First method will check if sent username exists in database. If it exists, second method is called to update that user 'active' column to '1'. If everything is valid, that method will return row with that user which is then put inside of session and redirected back to home page. If there were any errors, the errors will be printed above the login form. But before sending any data to server, all data is validated with javascript with regular expressions. Every error will be shown with javascript plugin called Toastr.js

Register users : The procedure is done in similar way like logging users. All data is getting cheked by javascript first before sending anything to server side. If everything is valid, it goes to doregister case which then sends it to controller that checks the data and if everything is successfully checked, passes it to method. That method will try to add user to database. In database 'username' column is set to be unique, so if new user is trying to register with username that already exists, that error will be printed above register form. If everything is valid, after user has been added, second method will extract that user and put it inside session and redirect to home page.

Filtering products : On page shop, on left side there are 3 filters for products: for gender, product type and product brand. All three filters are done in combination of AJAX and PHP. When user click on some filter, with javascript that clicked checkbox value is collected and sent with AJAX to page case filterShop which is then passed to method that filters products base on that sent. There are no limit on how many filters you can click and when none is clicked, it will return all products. You can click on product of your desire and choose quantity and click add to cart
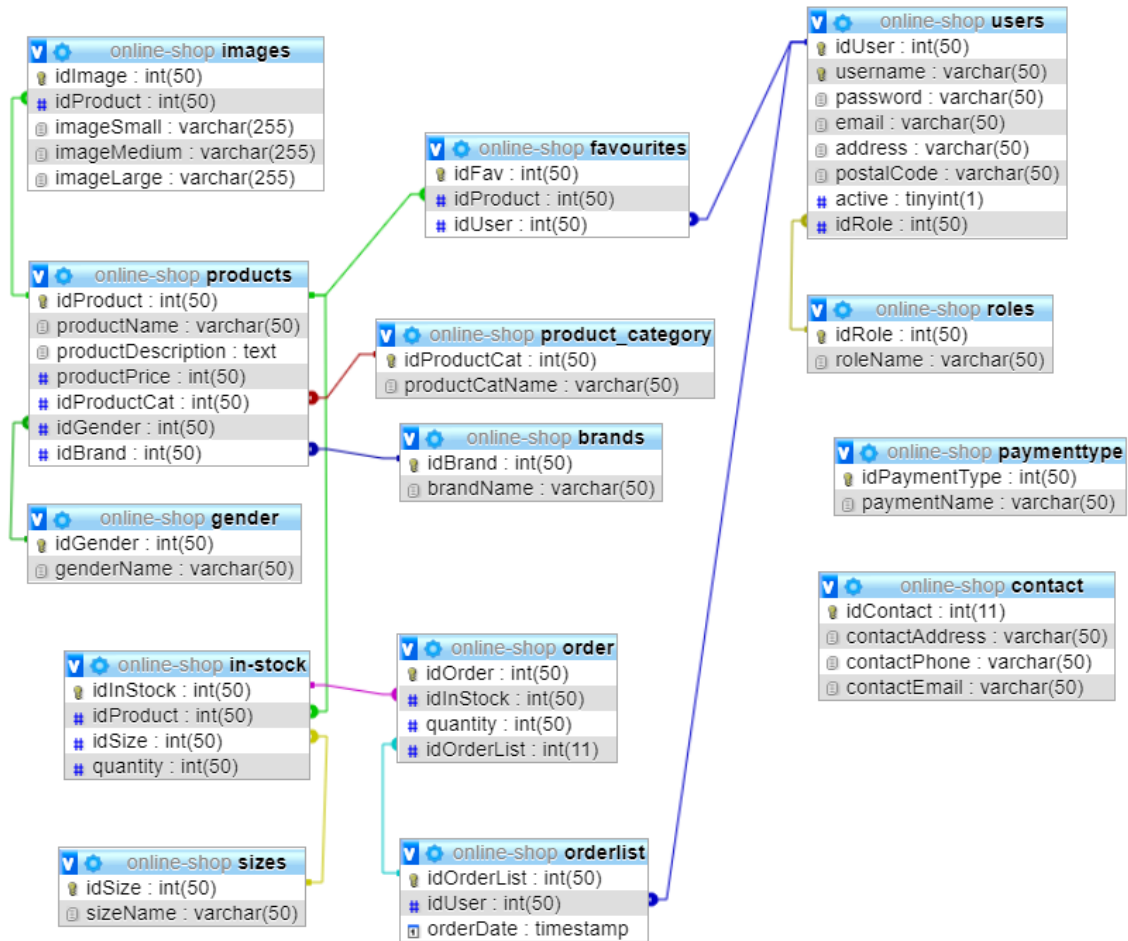
Add to Cart : All process is done on client side with javascript by filling Localstorage. All necessary data is shown and user can choose to continue shopping or pay.

Checkout : This page is shown to users who are registered and logged on website. If not, there will be link to login page. If they are logged in, a table will be shown to them with products they chose and button to pay. When they click pay, data is being sent to server side to check and insert into database
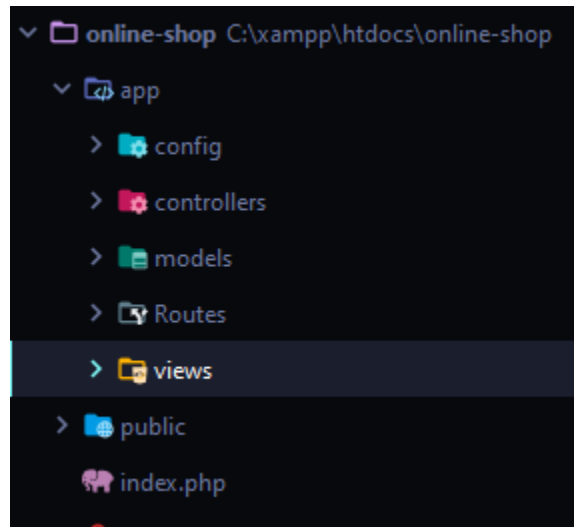
Admin panel : Its separate section of website, available only to admins. There admins can do CRUD operations on users and products. It has a dashboard with user activities and page activities.
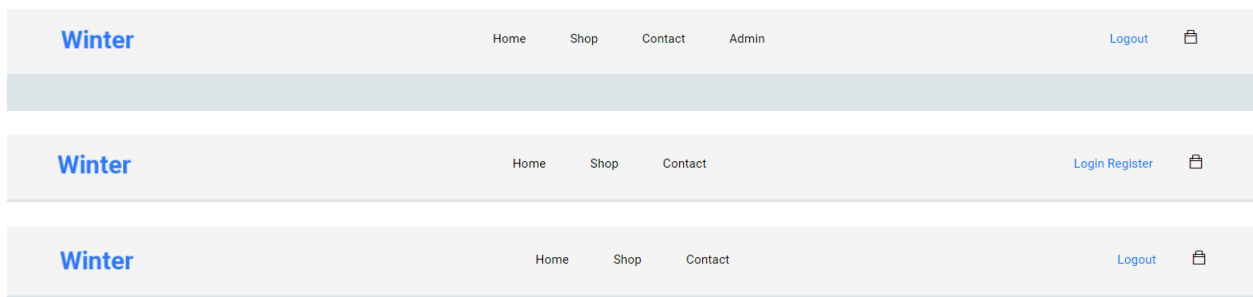
2.0 Website organization scheme

2.1 Database

online-shop images
- idImage : int(50)
- idProduct : int(50)
- imageSmall : varchar(255)
- imageMedium : varchar(255)
- imageLarge : varchar(255)

online-shop favourites
- idFav : int(50)
- idProduct : int(50)
- idUser : int(50)

online-shop users
- idUser : int(50)
- username : varchar(50)
- password : varchar(50)
- email : varchar(50)
- address : varchar(50)
- postalCode : varchar(50)
- active : tinyint(1)
- idRole : int(50)

online-shop products
- idProduct : int(50)
- productName : varchar(50)
- productDescription : text
- productPrice : int(50)
- idProductCat : int(50)
- idGender : int(50)
- idBrand : int(50)

online-shop product_category
- idProductCat : int(50)
- productCatName : varchar(50)

online-shop roles
- idRole : int(50)
- roleName : varchar(50)

online-shop brands
- idBrand : int(50)
- brandName : varchar(50)

online-shop paymenttype
- idPaymentType : int(50)
- paymentName : varchar(50)

online-shop gender
- idGender : int(50)
- genderName : varchar(50)

online-shop contact
- idContact : int(11)
- contactAddress : varchar(50)
- contactPhone : varchar(50)
- contactEmail : varchar(50)

online-shop in-stock
- idInStock : int(50)
- idProduct : int(50)
- idSize : int(50)
- quantity : int(50)

online-shop order
- idOrder : int(50)
- idInStock : int(50)
- quantity : int(50)
- idOrderList : int(11)

online-shop sizes
- idSize : int(50)
- sizeName : varchar(50)

online-shop orderlist
- idOrderList : int(50)
- idUser : int(50)
- orderDate : timestamp

2.1 Folder organization

3.0 Website organization (pictures and explanation)

In header navigation, link 'admin' is available only if user admin is logged in. If not, there will be only 3 list items. If nobody is logged in, on right side there will be 2 links, for logging in and registering.
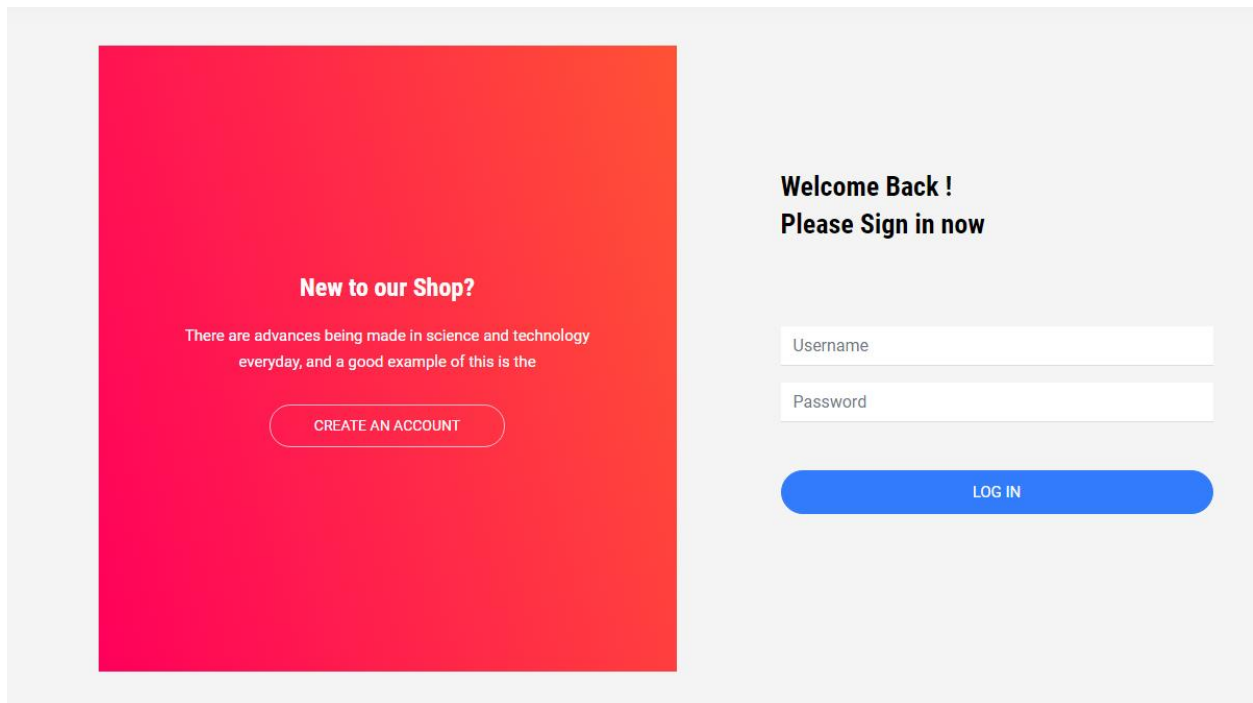
On shop page, left are filters and on main section products are being printed for those filter.

New to our Shop?

There are advances being made in science and technology
everyday, and a good example of this is the

CREATE AN ACCOUNT
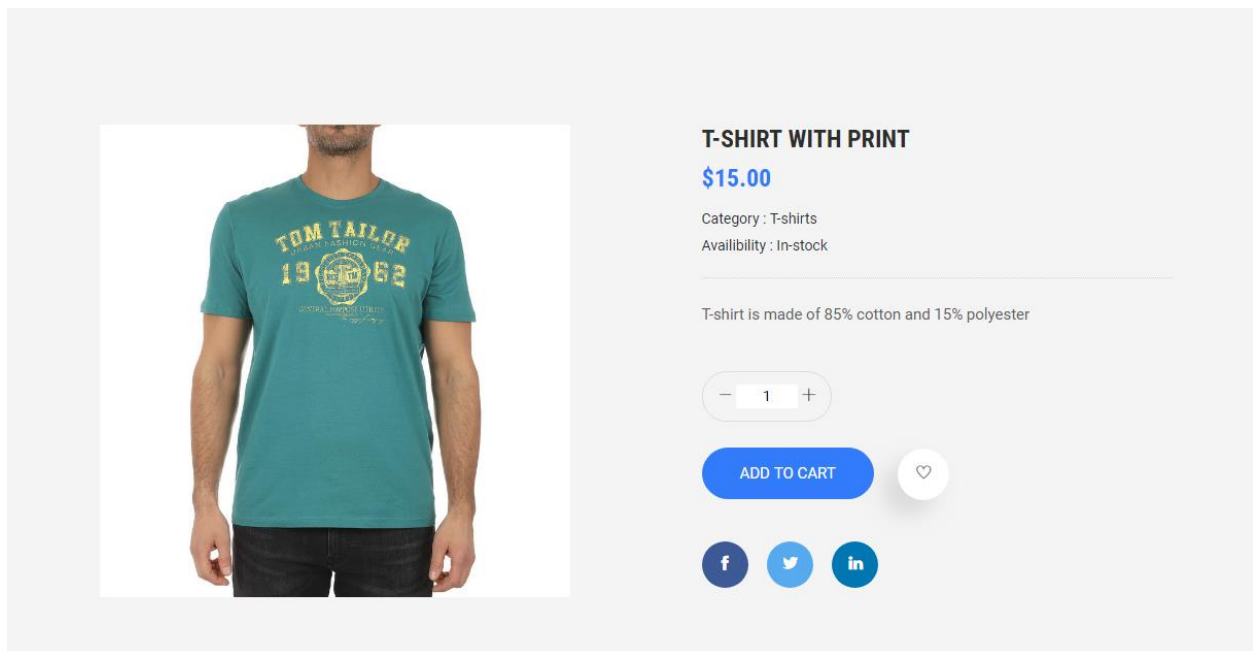
Welcome Back !
Please Sign in now

Username

Password

LOG IN

On login page there is form for login and on the left, a button that sent you to register page in case you don't have account.

Welcome !
Please Sign up now

Username

Password

Re-Password

Email

Address

Postal Code

REGISTER

On register page there will be shown a register form for users to register.

On product page, in combination with valid id, there will be shown product with his specifications and buttons for increasing or decreasing quantity and add to cart option.
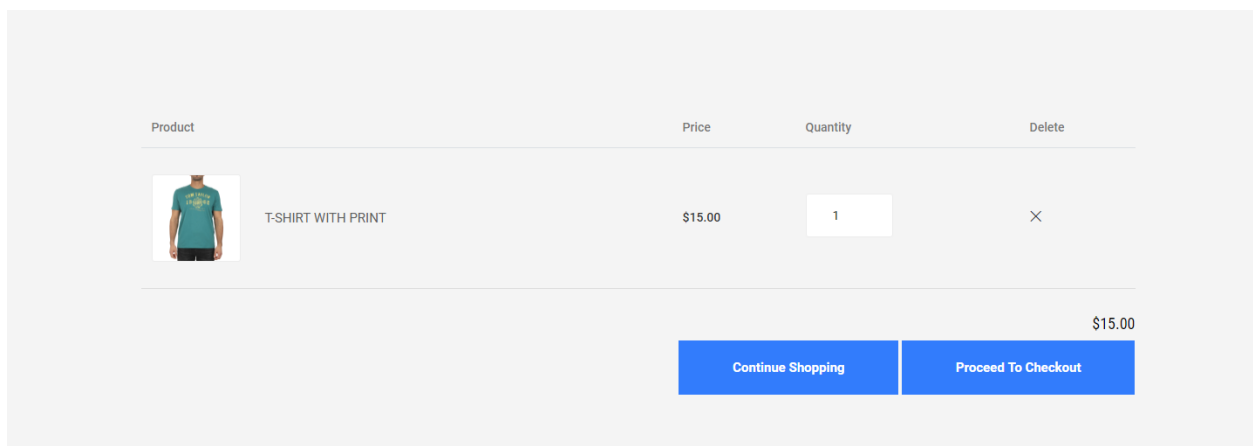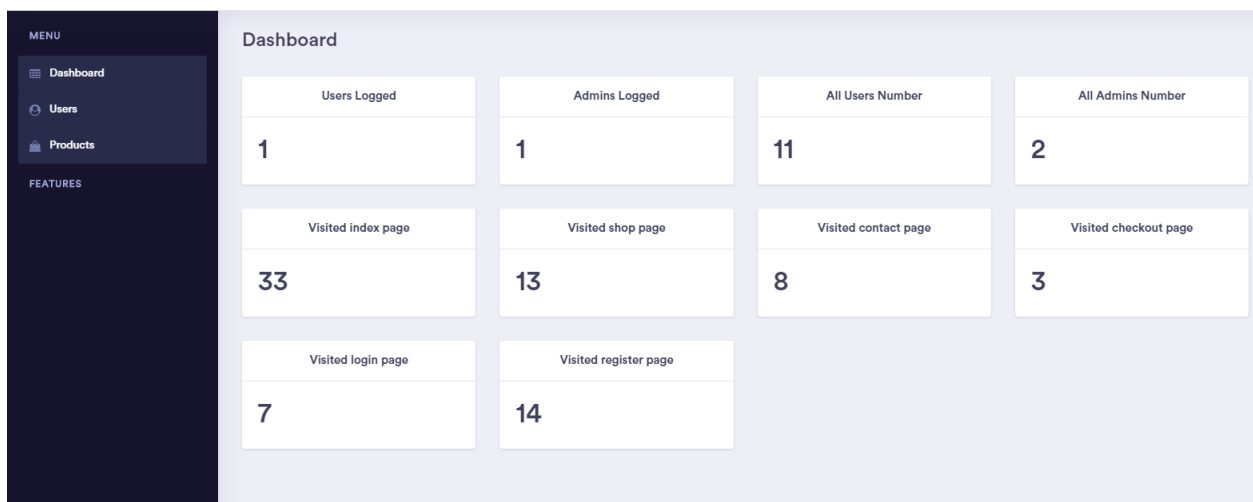

On cart page, there will be shown product which user added to cart. Here user can remove that product from cart, go back to shop page or go to pay those products.

Your Order	
Product	Total
T-SHIRT WITH PRINT x 1	$15.00
TOTAL	$15.00

PAY

If user is logged in and decided to pay his cart, he will see this type of table with product information and total cost, and button to pay. When he pays, there will be shown a message for successful payment.

ADMIN PANEL

MENU
- Dashboard
- Users
- Products

FEATURES

Dashboard

Users Logged	Admins Logged	All Users Number	All Admins Number
1	1	11	2

Visited index page	Visited shop page	Visited contact page	Visited checkout page
33	13	8	3

Visited login page	Visited register page
7	14

On adminHome, admin users can see users and pages activities. On left there are links to pages for users CRUD and products CRUD.

Users Dashboard

Basic Table

idUser	Username	Password	Email	Address	Postal Code	Delete
1	milutin	8813af270a1d1a71c7cd25ca86186bcb	mvelisic@gmail.com	Aleksandra Vojinovica 15j	11231	✖
2	veljko	52ea23b880f8b50b929b2360e264b2b5	veljko@gmail.com	Kaludjerica 100	11000	✖
21	danijela	fef213de0f55d86f2f6ee663f346bd5e	danijela@gmail.com	danijela	11000	✖
22	perica	084414d6a7b8487a0e663e27b2b773ba	perica@gmail.com	perica	11000	✖
23	ivica	baf0b25f6c78e18ef5068a1c7c618045	ivica@gmail.com	ivica	11900	✖
24	milanko	2c926b34e1030878641da189bd6145c9	milanko@gmail.com	milanko	11000	✖
25	Milentije	fbeca79a0879d41df9fd6ce78f1088da	milentije@gmail.com	milentije	11800	✖
26	necika	27f0ee2ad4d4d4c8808280949c5f57d3	necika@gmail.com	necika bilde	11888	✖
28	nevesinje	20e7b7b26242fa1614caa2e12cf39125	nevesinje@gmail.com	nevesinjska 10	11555	✖
43	korisnik	716b64c0f6bad9ac405aab3f00958dd1	korisnik@gmail.com	korisnik 123	11900	✖
44	noviuser	3db25cf0fa0020881fe1820055f10aeb	noviuser|@gmail.com	noviuser	11000	✖
idUser	Username	Password	Email	Address	Postal Code	Delete

On adminUsers page, users are shown in for of table with all their information and column that deletes them with AJAX and Toastr.js response in top right corner with message 'Deleted user'.

Insert User

Username

Password

Email

Address

Postal Code

Insert

Below users table on adminUsers page, there is form for inserting users. Data is being validated with javascript before being sent to server for server side validation and insert. Insert is being done with AJAX so you can instantly see in table above user that you have just inserted.

Products Dashboard

Basic Table

idProduct	Product Name	Description	Price	Category	Gender	Brand	Delete
1	T-SHIRT WITH PRINT	T-shirt is made of 85% cotton and 15% polyester	15.00$	T-shirts	Men	Tom Tailor	✖
2	T-SHIRT WITH PRINT	T-shirt is made of 85% cotton and 15% polyester	15.00$	T-shirts	Men	Tom Tailor	✖
3	T-SHIRT WITH PRINT	T-shirt is made of 85% cotton and 15% polyester	16.00$	T-shirts	Men	Tom Tailor	✖
4	T-SHIRT WITH PRINT	T-shirt is made of 85% cotton and 15% polyester	15.00$	T-shirts	Men	Tom Tailor	✖
5	BLANK T-SHIRT	T-shirt is made of 85% cotton and 15% polyester	20.00$	T-shirts	Men	Tommy Hilfiger	✖
6	SLIM FIT SHORT-SLEEVE SHIRT	Tommy Hilfiger men's shirt. There's nothing like a short-sleeve shirt styled in a trim fit. Made from cotton dobby for subtle texture.	60.00$	Shirts	Men	Tommy Hilfiger	✖
7	T-SHIRT WITH TEXT	A classic retro-inspired essential, this signature t-shirt is crafted from a super soft cotton modal blend for maximum, effortless comfort	20.00$	T-shirts	Women	Calvin Klein	✖
8	T-SHIRT WITH LOGO	A classic retro-inspired essential, this signature t-shirt is crafted from a super soft cotton modal blend for maximum, effortless comfort	23.00$	T-shirts	Women	Calvin Klein	✖
9	T-SHIRT WITH LOGO	A classic retro-inspired essential, this signature t-shirt is crafted from a super soft cotton modal	30.00$	T-shirts	Women	Calvin Klein	✖

On adminProducts page, everything is the same as on adminUsers page. Table showing all the information with option for deleting.

Insert Product

Product Name

Description

Product Price

Choose Product Category

Choose Gender Category

Choose Brands Category

Choose Size Category

Enter Quantity

Product picture

Choose File | No file chosen

Insert

Form for inserting product also working with AJAX so if everything is valid, you can see product you just inserted in table above.