

Bright World

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Semester: *01*

Batch No: *T1.2012.E1*

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April: 04 Year: 2021

This is to certify that

Mr. LUU XUÂN LỘC
Mr. LÊ TIẾN ĐẠT
Ms. NGUYỄN TÔ QUYÊN
Mr. VÒNG THỂ HUY

Have successfully Designed & Developed

BRIGHT WORLD

Submitted by:

Mr. LE THANH NHAN

Date Of Issue:

Authorized Signature:

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Acknowledge

We would like to express our deep and sincere gratitude to our supervisor, Mr Lê Thanh Nhân, a lecturer of ApTech Center of FPT School in Ho Chi City Vietnam, for giving us the opportunity to do e-project and providing invaluable guidance throughout this project. His dynamism, vision, sincerity, and motivation have deeply inspired us. He has taught us the course of HTML5, JQuery, Bootstraps, AngularJS... as well as the methodology to carry out the e-project and to present the results as clearly as possible. It is a great privilege and honour to work and study under his guidance. We are extremely grateful for what he has offered me. We would also like to thank him for his friendship, empathy, and great sense of humour.

We are extremely grateful to our family members for their love, caring and sacrifices for educating and preparing us for our future.

Moreover, we also express our appreciation to India APTECH for their great program with perfect curriculums to help us get more knowledge and technique to become a professional coder in near future.

Finally, my thanks go to all the people who have supported me to complete the project work directly or indirectly.

Your Sincerely,

Team Group Birght World.

Synopsis

The objective of this program is to give a sample project to work on real projects. These applications help us build a larger robust application.

The objective is not to teach us HTML/JavaScript but to provide us with a real scenario and help us create basic applications using the tools.

This project is meant for students like us who have completed the module of HTML5. These programs are done following group with assistance of an adviser. Since the title of e-project is “Bright World”, we will build a website as a store a LED light, which is showing:

- A “Categories” contents have various kind of lights such as: Bulbs, Spotlights, Decoration Lights, Smart Lights...where consumers should find it easy to view various products and decide upon purchasing the right product to meet their requirements.

- A “Feedback” area should be added within the website for increasing the interaction between consumers and suppliers.

- Consumers can become a member by filling a form in “Member Registration”. The website will automatically send new letters to them for new arrival products or promotion program if any.

- Consumers also can be easy discover a nearest showroom through “Store Map” if they want to go shopping directly from showroom.

Design Plan: Bright World	Document Name: Problem Definition	SWD/Form No.01/PD/Ver1.0
Effective Date: 10-04-2021	Version 1.0	Page No: 1 of 18

Problem Definition

Bright World is a storage for LED Lights. They have collection of lights. Now with the changing environment, they want their presence on Internet. Hence, they need to have a website with all their products listed on the website. Consumers should find it easy to view various products and decide upon purchasing the right product to meet their requirements.

A website needs to be designed to display various lights that are available in the store. Detail of locations using GeoLocation API (for example GoogleMaps) and feedback must be included.

The website is to be developed for the Windows Platform using HTML5, JavaScript and Geolocation. The site should work well in all leading browsers including Chrome, IE, Firefox etc.

The Web site is created based on the following requirements.

- 01) The Homepage should be created by making use of Sections with a suitable logo, the header section can be added which will show images of various LED Lights.
- 02) The site must contain the links to navigate through various types of LED Lights.
- 03) Links of LED Lights can be categorized like (Bulbs, Spotlights, Decoration Lights, Smart Lights etc.)

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Design Plan: Bright World	Document Name: Problem Definition	SWD/Form No.01/PD/Ver1.0
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- 04) Specification and Pricing of Lights should be added along with the images.
- 05) Website should provide section for various brands offered in the store.
- 06) Gallery section should be added for viewing different images.
- 07) Feedback must be allowed to enter by the viewer.
- 08) Site map, Gallery, about us, Queries link, Contact us link must be added.
Address of the Company should be displayed using GeoLocation API (for example GoogleMaps) and the email address which will invoke the local mail client when they clicked from where they can send an email.
- 09) The complete description must be allowed to get download as pdf or doc file.
- 10) The advertise section with various facilities provided should be mentioned.

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Design Plan: Bright World	Document Name: Customer Requirements Specification	SWD/Form No.02/CRS/Ver1.0
Effective Date: 10-04-2021	Version 1.0	Page No: 3 of 18

Customer Requirements Specifications

User:

Input:

- 1. Input Username, Password
- 2. Input Personal Information
- 3. Input products for shopping
- 4. Input Feedback/Information to contact

Process:

- 1. Process a valid login
- 2. Process member registration
- 3. Process shopping procedure
- 4. Process sending feedback to Webmaster

Output:

- 1. Shopping List and payment method
- 2. Answer question from customer.

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Design Plan: Bright World	Document Name: Customer Requirements Specification	SWD/Form No.02/CRS/Ver1.0
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Webmaster:

Input:

- Input username and password
- Update new products
- Update new information

Process:

- Process valid username
- Update new products
- Update new information

Output:

- Showing new products
- Showing new information such as New Promotion, News...

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Design Plan: Bright World	Document Name: Customer Requirements Specification	SWD/Form No.02/CRS/Ver1.0
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Hardware / software requirement:

Software:

- Notepad/HTML editor
- Dreamweaver
- IE 5.0/Netscape 6.0

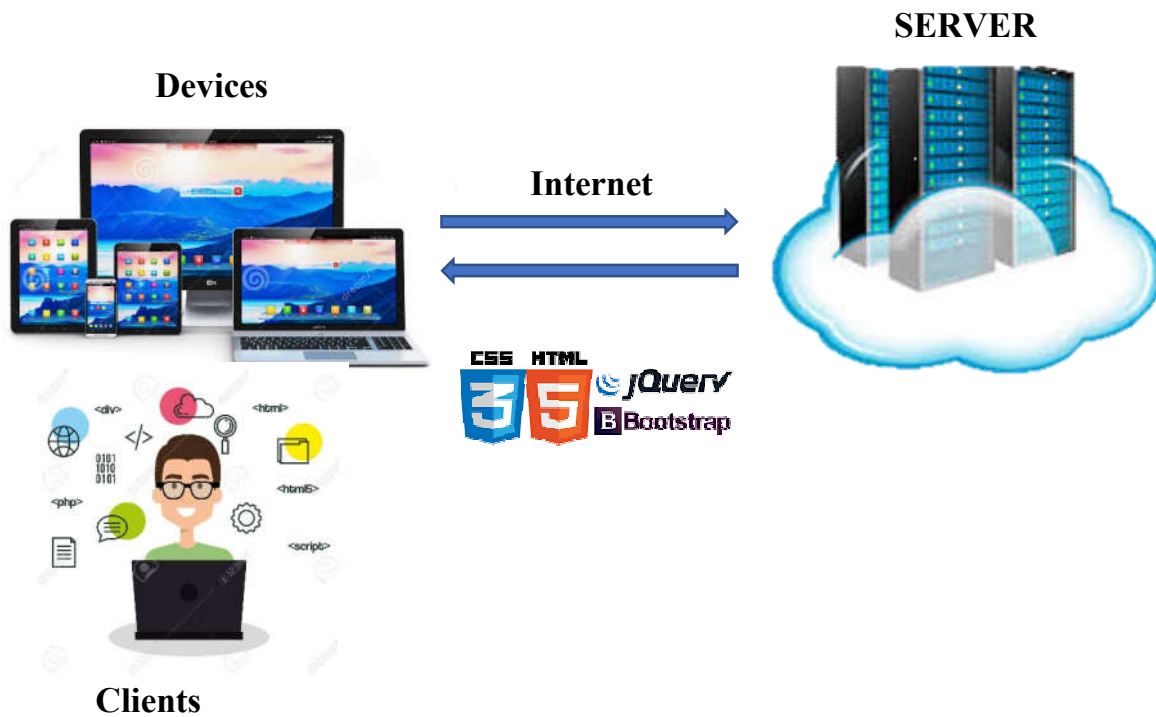
Hardware:

- A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better.
- 64 megabytes of RAM or better.

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Design Plan: Bright World	Document Name: Architecture and design of the project	SWD/Form No.03/ARD/Ver1.0
Effective Date: 10-04-2021	Version 1.0	Page No: 6 of 18

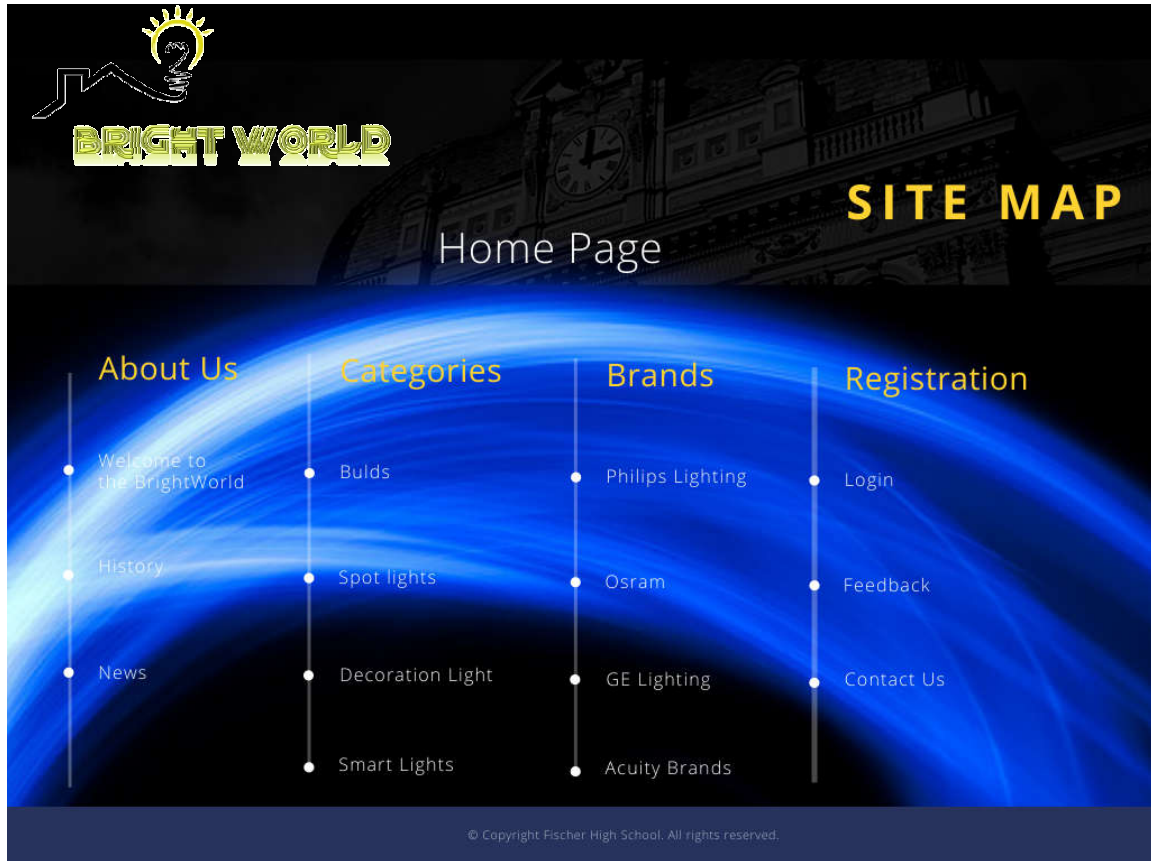
Architecture and design of the project



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Design Plan: Bright World	Document Name: Site map	SWD/Form No.04/SM/Ver1.0
Effective Date: 10-04-2021	Version 1.0	Page No: 7 of 18

Site Map






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Design Plan: Bright World	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 10-04-2021	Version 1.0	Page No: 8 of 18


Carousel

Screen Shots

I. Homepage

Logo	<div>Search bar</div>					Login 	Cart 
	Categories	Brand	Registration	Feedback	Contact us	Sitemap	
Photos Carousel							
Products							
Logo Carousel							
Store location Footer							

Description : This is a homepage which is showing general information about Bright World.

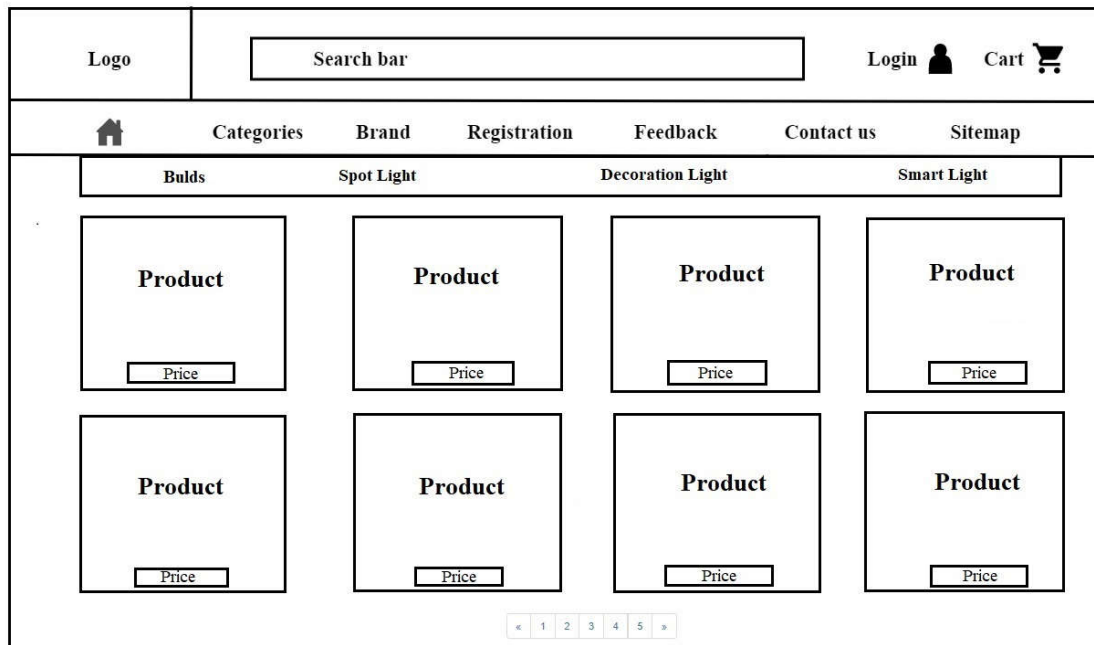
From : Click on link which has a symbol  , you can see the content of homepage.

To : From homepage we can link to Categories, Brand, Registration, Feedback, Contact Us, Site map or Search.

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Signature	Carousel	
Date		

Design Plan: Bright World	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
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II. Categories



Description : This is a categories page which is showing whole products about Bright World. They are specified following type of light such as: light buds, spotlight, decoration light, and smart light.




From : Click on the link “Categories” we can see the content of all products.

To : With specified categories, we can easily move and see different pages which showing different type of light.

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Design Plan: Bright World	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
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III. Brands

Logo	Search bar	Login  Cart 
	Categories	Brand
	Registration	Feedback
	Contact us	Sitemap
	Logo Philips Lighting	Logo Osram
	Logo GE Lighting	Logo Acuity Brands

Description : This is same as the categories and brand page is showing some light brands to help customer easy to find a favourite brand.




From : Click on the link “Brand” we can see the content of all brands.

To : With specified categories following brand name, customer can easily move and see different pages which showing different brand name.

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Design Plan: Bright World	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
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IV. About Us

Logo	Search bar	Login 	Cart 
	Categories	Brand	Registration
			Feedback
			Contact us
			Sitemap
<div>Welcome to Bright World</div> <div>History</div>		<div>News</div>	

Description : About Us is all our historical information since established. Some highlight news which related to lighting are also shown.




From : From homepage, click on the link “About Us” we can see information of Bright World.

To : Welcome message and historical of Bright World are shown. Some highlight news also presented.

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Design Plan: Bright World	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
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V. Registration

Logo	Search bar	Login  Cart 
	Categories	Brand
	Registration	Feedback
	Contact us	Sitemap

REGISTRATION

Username

Fullname

Password

Confirm Password

Description : Registration is where we create account for new member that want to buy our products. Confirming password is important for security. Our customers will received News, Promotions, ... from Bright World.




From : From homepage, click on the link “Registration” we can create account of Bright World.

To : A table to fill out information are shown. Reset button also presented.

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Design Plan: Bright World	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
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VI. Feedback

Logo	Search bar	Login  Cart 
	Categories	Brand
	Registration	Feedback
	Contact us	Sitemap

FEEDBACK

Fullname (optional)

Comment

Description : Feedback is where our users can give suggestion or any comment about our website or products. It should be anonymous.

From : From homepage, we need to login then click on the link “Feedback” to comment.

To : A textbox will be shown for reviewing. Reset button also presented. These feedback will be sent to Bright World for us to answer.

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Design Plan: Bright World	Document Name:	SWD/Form No.05/SS/Ver1.0
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VII. Contact Us

Logo	Search bar	Login  Cart 
	Categories	Brand
	Registration	Feedback
	Contact us	Sitemap
<h1>Contact Us</h1> <p>569 Cach Mang Thang 8, D. 10, Ho Chi Minh city</p> <p>Tel: 0912.345.678 Hotline: 1800 9483</p> <div> <p>Mail us: cc@brightworld.com</p> <p>Mr. Msr. Name</p> <p>Phone</p> <p>Your Question</p> <p>Send</p> </div> <div> <h1>Maps</h1> <p>Facebook Youtube</p> <p>Zalo Twitter</p> </div>		

Description : This page is for customer to make a contact with Bright World.





From : From homepage, click on the link “Contact Us” then customer can write their questions.

To : From this page customer is also can find nearest showroom by click on “Geo-location”.

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Design Plan: Bright World	Document Name:	SWD/Form No.05/SS/Ver1.0
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VIII. Store network

Logo	Search bar	Login  Cart 
	Categories	Brand
	Registration	Feedback
	Contact us	Sitemap
<h1>Store Network</h1> <div> <div> <p>Headquarter</p> <p>Address</p> <p>Ho Chi Minh city</p> <p>Address</p> <p>Address</p> <p>Address</p> <p>Ha Noi</p> <p>Address</p> <p>Address</p> <p>Da Nang</p> <p>Address</p> </div> <div>  </div> </div>		

Description : Showroom system of Bright World will be showed in this page. It makes customer easy to find a nearest showroom for their convenient.

From : From Contact Us, click on the link “Geolocation”.

To : From this page, customer can go directly to showroom homepage.

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Design Plan: Bright World	Document Name: Testing document	SWD/Form No.06/TD/Ver1.0
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Testing document

Sr.No	Features Tested	Remarks
1	Full name	
2	Username	
3	Password	
4	Confirm password	
5	Telephone number	
6	Address	
7	Gender	
8	Feedback	
9	Payment method	
10	Transportation method	

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Design Plan: Bright World	Document Name: Final checklist	SWD/Form No.07/FC/Ver1.0
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Final checklist

Sr.No	Aspected Tested	Suggestion/ Remarks
1	Are all the users able to view the images and links?	
2	Have all the views, modules and controllers been properly integrated and is the site function as a single page application?	
3	Are the content devoid of spelling mistakes?	
4	Is the application user-friendly?	
5	Is the Website launching correctly in all popular browsers?	
6	Are all the forms validated with proper criteria?	
7	Do all text links lead to the appropriate website?	
8	Do all image links lead to the appropriate website?	
9	Are all the images and links clearly visible on the page?	
10	Does the Web page work properly in all the tested browsers?	
11	Does the Web page take too long to be loaded fully?	
12	Is the navigation sequences correct through all the Web pages on the site?	
13	Is the JavaScript code working as expected in all click events?	
14	Does the Web page allow people to download a document?	
15	Does the Web page allow people to view a document if they have extension?	

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Design Plan: Bright World	Document Name: Final checklist	SWD/Form No.07/FC/Ver1.0
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No	Member	Contents	Page Name	Activity Plan	Date of Preparation of Activity Plan		
				Planed Start Date	Actual Start Date	Actual Days	Status
1	Luu Xuân Lộc	Homepage	Hompage.html	10-04-2021	10-04-2021		OK
2		About us	Aboutus.html	10-04-2021	10-04-2021		OK
1	Lê Tiến Đạt	Contact us	Contactus.html	10-04-2021	10-04-2021		OK
2		Store network	Storenetwork.html	10-04-2021	10-04-2021		OK
1	Nguyễn Tô Quyên	Register	Register.html	10-04-2021	10-04-2021		OK
2		Feedback	Feedback.html	10-04-2021	10-04-2021		OK
1	Vòng Thế Huy	Categories	Categories.html	10-04-2021	10-04-2021		OK
2		Brands	Brands.html	10-04-2021	10-04-2021		OK

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Date		