

# Bright World

**Supervisor:** *LÊ THANH NHÂN*

**Semester:** *01*

**Batch No:** *T5.2303.E0*

**Group No:** *05*

Order:	Full name	Roll No.
<i>1.</i>	<i>Đoàn Công Danh</i>	<i>Student1468173</i>
<i>2.</i>	<i>Lê Ngọc Hải</i>	<i>Student1468198</i>
<i>3.</i>	<i>Nguyễn Lê Thanh Minh</i>	<i>Student1468215</i>
<i>4.</i>	<i>Lê Nguyễn Anh Văn</i>	<i>Student1448423</i>

***Month: 06 Year: 2023***

This is to certify that

**Mr. DOAN CONG DANH**  
**Mr. LE NGOC HAI**  
**Mr. NGUYEN LE THANH MINH**  
**Mr. LE NGUYEN AN VAN**

Have successfully Designed & Developed

**Bright World**

Submitted by:

**Mr. LE THANH NHAN**

Date Of Issue:

Authorized Signature:

# Content

Content

Acknowledge

Synopsis

Review1 ..... (điền số trang theo thực tế)

Review2 ..... (điền số trang theo thực tế)

Review3 ..... (điền số trang theo thực tế)

Testting Document ..... (điền số trang theo thực tế)

Final Checklist ..... (điền số trang theo thực tế)

Tasksheet ..... (điền số trang theo thực tế)

# Acknowledge

As we understand that the eProject is a step-by- step learning environment that closely simulates the class - room and Lab based learning environment into actual implementation. It is a projectimplementation at your fingertips!! An electronic, live juncture on the machine that allows you to.

- ✓ Practice step by step i.e. laddered approach.
- ✓ Build a larger more robust application.
- ✓ Usage of certain utilities in applications designed by user.
- ✓ Single program to unified code leading to a complete application.
- ✓ Learn implementation of concepts in a phased manner.
- ✓ Enhance skills and add value.
- ✓ Work on real life projects.
- ✓ Give a real life scenario and help to create applications more complicated and useful.
- ✓ Mentoring through email support.

We would like to send a great thank to our professor and others student for the addorable supports during the time in project.

Beside serveral mistakes we had made in the project, we hope to have more oppotunities to widen our knowledge in web developing world.

We also thank you so much for your information and the “demo” project from India APTECH to help us get more reality experience in this project. Since we have gained more experience from this project, we will not stop learning any thing as much as we can to be more successful in the future.

Your Sincerely,

Team Group 5.

# Synopsis

The Objective of this program we aim is to give a sample project to work on real life projects. These applications help us build a larger more robust application.

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

Hence, we can revise the chapters before we start with the project.

This project is meant for students like us who have completed the module of HTML5. These programs should be done in the Lab sessions with assistance of the faculty if required.

It is very essential for us that will have a clear understanding of the subject. We think we should go through the project and solve the assignments as per requirements given.

And get back ***eprojects@aptech.ac.in*** as the assigned schedule.

<b>Design Plan:</b> BrightWorld	<b>Document Name:</b> Problem Definition	<b>SWD/Form</b> No.01/PD/Ver1.0
<b>Effective Date:</b> 12/6/2023	<b>Version</b> 1.0	<b>Page No:</b> 1 of 23

## Problem Definition

BrightWorld is having store 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 available with the store. Details of locations using GeoLocation API (eg. GoogleMaps), 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.

- 1) The Home Page should be created making use of Sections with a suitable logo, the header section can be added which will show images of various LED Lights
- 2) The site must contain the links to navigate through various types of LED Lights.
- 3) Links of LED Lights can be categorized like (Bulbs, Spot Lights, Decoration Lights, Smart Lights etc.)
- 4) Specification and Pricing of Lights should be added along with the images
- 5) Website should provide section for various brands offered in the store
- 6) Gallery section should be added for viewing different images

	<b>Prepared by (Student)</b> <b>Project Group No: 05</b>	<b>Approved by (Faculty)</b> <b>Lê Thanh Nhân</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> BrightWorld	<b>Document Name:</b> Problem Definition	<b>SWD/Form</b> No.01/PD/Ver1.0
<b>Effective Date:</b> 12/6/2023	<b>Version</b> 1.0	<b>Page No:</b> 2 of 23

- 7) Feedback must be allowed to enter by the viewer
- 8) Site map, Gallery, about us, Queries link, Contact us link must be added. Address of the Company should be displayed using GeoLocation API (eg. GoogleMaps) and the email address which when clicked will invoke the local mail client from where they can send an email.
- 9) 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.

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 05</b>	<b>Lê Thanh Nhân</b>
<b>Signature</b>		
<b>Date</b>		



<b>Design Plan:</b> Bright World	<b>Document Name:</b> Problem Definition	<b>SWD/Form</b> No.01/PD/Ver1.0
<b>Effective Date:</b> 12/6/2023	<b>Version</b> 1.0	<b>Page No:</b> 3 of 23

## Customer Requirements Specifications

### User:

### Input:

- (1) Login data; Comment review after Login
- (2) Sign Up data
- (3) Search all Product by Keyword, or Search Product relevant categorized like Brand, Price, Type
- (4) Download description of Product
- (5) Add to Cart
- (6) Email to Complain

### Process:

- (1) Navigate user to the destined links
- (2) Navigate user to the destined links
- (3) Navigate User to Component User, Filter Keyword within the webpage
- (4) Export Pdf file from Galary
- (5) Navigate user to the destined links
- (6) Invoke the local mail client

### Output:

	<b>Prepared by (Student)</b> <b>Project Group No: 05</b>	<b>Approved by (Faculty)</b> <b>Lê Thanh Nhân</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Bright World	<b>Document Name:</b> Problem Definition	<b>SWD/Form</b> No.01/PD/Ver1.0
<b>Effective Date:</b> 12/6/2023	<b>Version</b> 1.0	<b>Page No:</b> 4 of 23

- (1) Display the Login site
- (2) Display the Sign Up site
- (3) Display the Product searched
- (4) File Discription the Product
- (5) Display Cart Site
- (6) Display the Email app default of the devices User with Email which have Subject.

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:</b> 05	<b>Lê Thanh Nhân</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Bright World	<b>Document Name:</b> Problem Definition	<b>SWD/Form</b> No.01/PD/Ver1.0
<b>Effective Date:</b> 12/6/2023	<b>Version</b> 1.0	<b>Page No:</b> 5 of 23

## Web Master

### Input:

- (1) Information of The site of Admin Login
- (2) Information need to Add, Remove, Change Products
- (3) Information need to Modifie (Add, Change, Remove) Type, Brand, Price of Product
- (4) Information User member
- (5) Reply the Email complain

### Process:

- (1) Navigate user to the destinated links
- (2) Add, Remove, Change Product
- (3) Add, Remove, Change Type, Brand, Price of Product
- (4) Remove User Member
- (5) Check the Email, Delete Complain

### Output:

- (1) Alert Admin LogIn are Successful or Not
- (2) Alert Type, Brand, Price of Product are Successful/Non
- (3) Alert Remove, Change Type, Brand, Price of Product are Successful/Non

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 05</b>	<b>Lê Thanh Nhân</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Bright World	<b>Document Name:</b> Problem Definition	<b>SWD/Form</b> No.01/PD/Ver1.0
<b>Effective Date:</b> 12/6/2023	<b>Version</b> 1.0	<b>Page No:</b> 6 of 23

(4) Alert Remove User Member are Successful/Non

(5) Alert Rely Email are Successful/Non

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 05</b>	<b>Lê Thanh Nhân</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Bright World	<b>Document Name:</b> Problem Definition	<b>SWD/Form</b> No.01/PD/Ver1.0
<b>Effective Date:</b> 12/6/2023	<b>Version</b> 1.0	<b>Page No:</b> 7 of 23

### Software:

- Notepad/HTML editor/CoffeeCup
- Angular / Angular JS / React / BootStrap
- Dreamweaver / Figma
- MS IE / Chrome / FireFox / Netscape /MS Edge

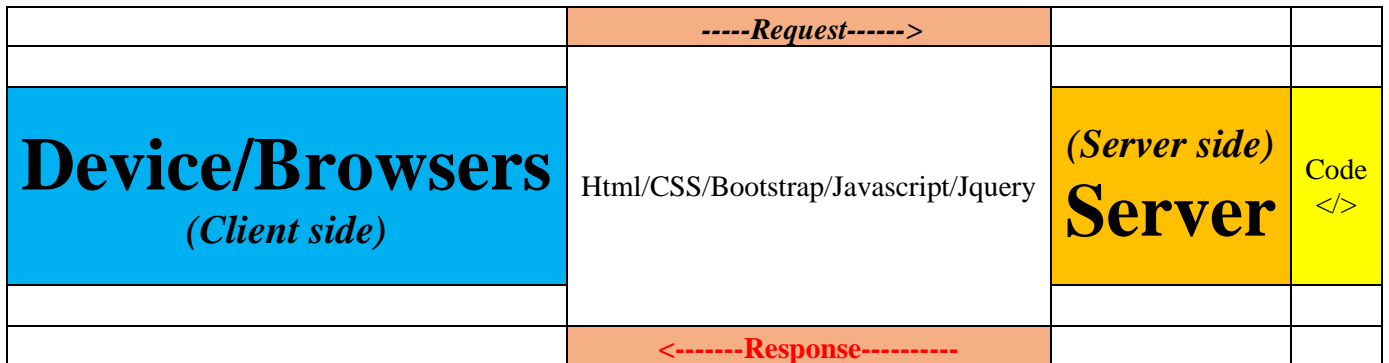
### Hardware:

- 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

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 05</b>	<b>Lê Thanh Nhân</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Bright World	<b>Document Name:</b> Architecture and design of the project	<b>SWD/Form No.03/ARD/Ver1.0</b>
<b>Effective Date:</b> 12/6/2023	<b>Version</b> 1.0	<b>Page No: 8 of 23</b>

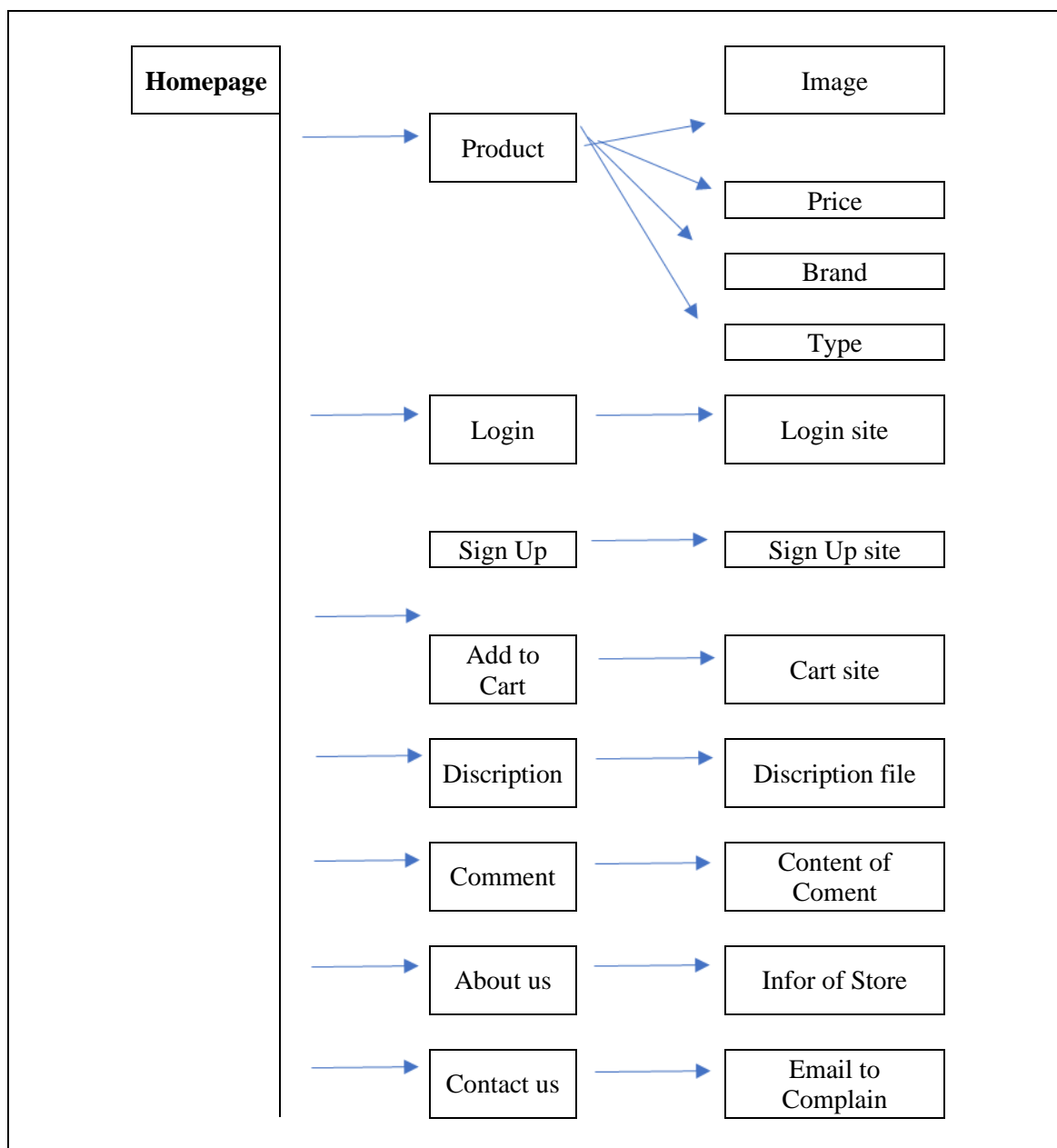
## Architecture and design of the project



	<b>Prepared by (Student)</b> Project Group No: 05	<b>Approved by (Faculty)</b> Lê Thanh Nhân
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Bright World	<b>Document Name:</b> SiteMap	<b>SWD/Form</b> No.04/SM/Ver1.0
<b>Effective Date:</b> 12/6/2023	<b>Version</b> 1.0	<b>Page No:</b> 9 of 23

## SiteMap



	<b>Prepared by (Student)</b> Project Group No: 05	<b>Approved by (Faculty)</b> Lê Thanh Nhân
<b>Signature</b>		
<b>Date</b>		







<b>Design Plan:</b> Bright World	<b>Document Name:</b> Screen shots	<b>SWD/Form No.</b> 05/SS/Ver1.0
<b>Effective Date:</b> 12/6/2023	<b>Version</b> 1.0	<b>Page No:</b> 12 of 23

### III. My Cart:

Logo	Home Page	Search Product			User Name		My cart		
		<div>Image of Product</div>			Price per Once	Number	Total \$		
					\$	x			
					Payment				
About us			Site map			Contact us			

**Description** : This Page show the Cart of Member has logged in

**From** : Search Product, Detail, Login

**To** : My Cart

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 05</b>	<b>Lê Thanh Nhân</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Bright World	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.05/SS/Ver1.0
<b>Effective Date:</b> 12/6/2023	<b>Version</b> 1.0	<b>Page No:</b> 13 of 23

#### IV. Login:

Logo	Home Page	Search Product			Login	SignUp	My cart
	Email						
	Password						
		Login					
About us			Site map		Contact us		

**Description** : This Page provide form to Login user

**From** : Home Page, Detail Page, Product Search Page

**To** : Login

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 05</b>	<b>Lê Thanh Nhân</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Bright World	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.05/SS/Ver1.0
<b>Effective Date:</b> 12/6/2023	<b>Version</b> 1.0	<b>Page No:</b> 14 of 23

## V. Sign up:

Logo	Home Page	Search Product			Login	SignUp	My cart
	Full name						
	Email						
	Phone						
	Password						
	RePassword						
		Sign up					
About us			Site map		Contact us		

**Description** : This Page provide form to Sign up user.

**From** : Home Page, Detail Page, Product Search Page

**To** : Sign Up

	<b>Prepared by (Student)</b> <b>Project Group No: 05</b>	<b>Approved by (Faculty)</b> <b>Lê Thanh Nhân</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Bright World	<b>Document Name:</b> Testing document	<b>SWD/Form</b> No.06/TD/Ver1.0
<b>Effective Date:</b> 12/6/2023	<b>Version</b> 1.0	<b>Page No:</b> 15 of 23

## Testing document

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 GUI 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?	

	<b>Prepared by (Student)</b> <b>Project Group No: 05</b>	<b>Approved by (Faculty)</b> <b>Lê Thanh Nhân</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Bright World	<b>Document Name:</b> Final checklist	<b>SWD/Form</b> No.07/FC/Ver1.0
<b>Effective Date:</b> 12/6/2023	<b>Version</b> 1.0	<b>Page No:</b> 16 of 23

## 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 GUI 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?	

	<b>Prepared by (Student)</b> <b>Project Group No:</b> 05	<b>Approved by (Faculty)</b> <b>Lê Thanh Nhân</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Bright World	<b>Document Name:</b> Task Sheet	<b>SWD/Form</b> No.08/TS/Ver1.0
<b>Effective Date:</b> 12/6/2023	<b>Version</b> 1.0	<b>Page No:</b> 17 of 23

No	Member	Contents	Page Name	Activity Plan	Date of Preparation of Activity Plan		
				Planned Start Date	Actual Start Date	Actual Days	Status
1	Lê Ngọc Hải	Hompage	Hompage.html	12/6/2023	12/6/2023	2	OK
2		Categories	Categories.html	12/6/2023	12/6/2023	2	OK
1	Nguyễn Lê Thanh Minh	Hompage	Categories.html	12/6/2023	12/6/2023	2	OK
2		Categories	About us.html	12/6/2023	12/6/2023	2	OK
1	Đoàn Công Danh	Register	Register.html	12/6/2023	12/6/2023	2	OK
2		About us	Abou tus.html	12/6/2023	12/6/2023	2	OK
1	Lê Nguyễn Anh Văn	Register	Register.html	12/6/2023	12/6/2023	2	OK
2		About us	Abou tus.html	12/6/2023	12/6/2023	2	OK

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No: 01</b>	
<b>Signature</b>		
<b>Date</b>		