

WEB DESIGN 2019

TEST PROJECT

DEVELOPED BY DIYAA BENKHADRA

CONTENTS:

The web design test project consist of the following Modules:

1. Module 1 & 2 : Layout & Design
2. Module 3 & 4 : Database Design & web development
3. Module 5 : CMS Wordpress

INTRODUCTION:

A well-known sports club in Abu Dhabi is looking for a company to develop a new web site to attract members and to increase the revenue by new membership and selling some of the products online.

The new web site must be modern, attractive, and follow the web standards, in addition, it should be viewed on multiple devices (Desktop, Mobile phone, and Tablets).

The sports club will provide for the web developer all resources required (images, articles, icons – etc) , however , the club has some ideas that should be implemented based on and advise from the club graphic designer .

A former web designer, has already met with the club staff and collected the requirements for the club web site , and he concluded the below consideration .

TECHNOLOGIES & FRAMEWORK THE DEVELOPER MUST HAVE EXPERIENCE WITH:

HTML 5 ,CSS 3 , Media Query , Bootstrap , Javascript ,jQuery ,PHP ,Laravel , MySQL database , WordPress .

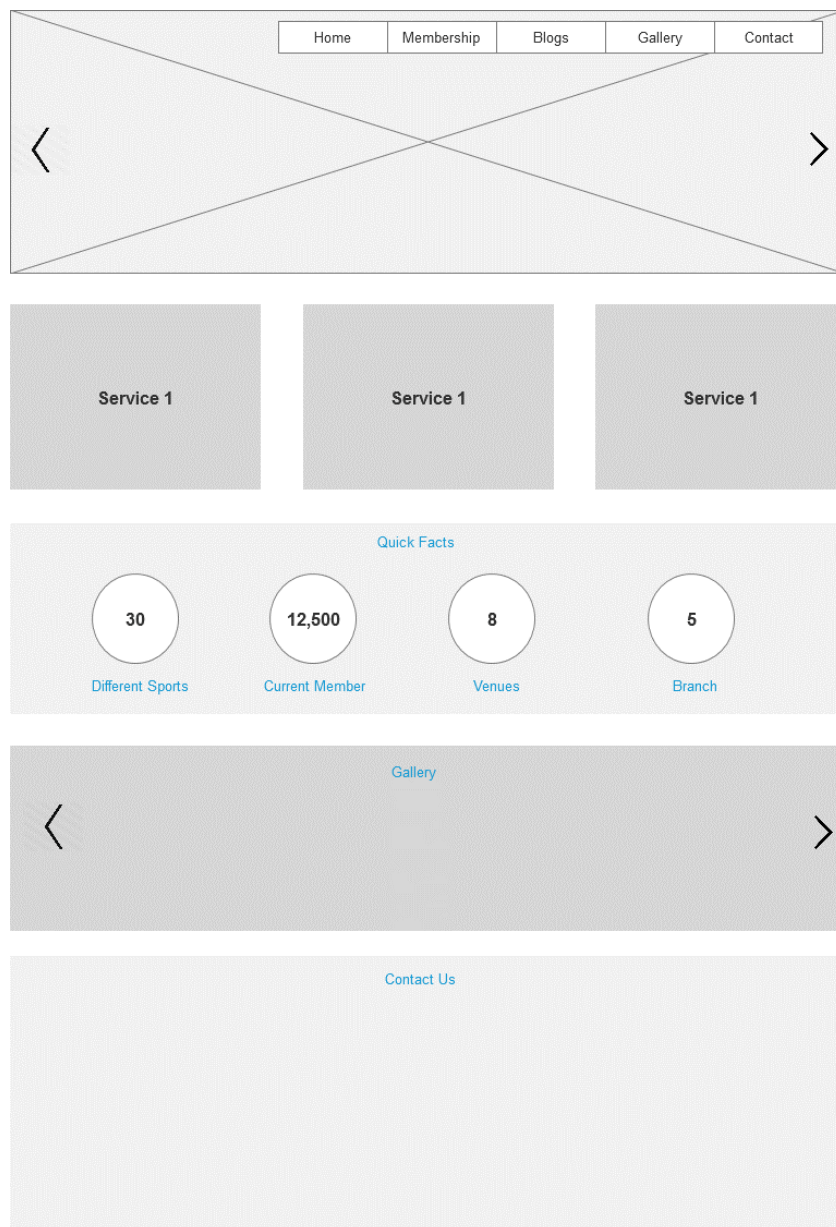
1. Module 1 & 2 : Layout & Design

The web site must have a brief of most of the services provided on the home page, once the user enter the web site it must tell from the first 2 seconds what is it all about.

The web site must be responsive, at least for a mobile phone and a normal desktop browser, with clear and visible images and text for each view.

Below is the wireframe for the main page as requested from the client

(browser version)



Mobile Version



As you can see , the main page is divided into 5 main sections , below is the requirements for each section :

- 1- **Slider Header :**
Three images (provided in the assets folder) should auto rotated , 5 seconds for each image , with a slider icons to manually go to the next or previous slide image.
- 2- **Header Menu :** the menu should have the following items and must be clearly visible :
Home , Membership , Blogs , Gallery , products , and Contact us . blogs and products must navigate to a new page , other links must refer to the details in the same home page.
- 3- **Services section :** 3 main services must be displayed with an image for each , once mouse over , the text must be changed to an image of the service (provided in the assets folder) , no link is required at this stage.
- 4- **Quick Facts :** an animated counter should display the above quick facts , the numbers are static .

- 5- **Gallery** : a list of provided images must be displayed , with a manual control to view next and previous , once an image is clicked , a modal window showing the full image must be displayed with the possibility to close the modal , images are provided in the asset folder.
- 6- **Footer / Contact Us** : a form with the following input must be designed only (Full Name , Email , Phone Number , Message) a map on the right of the form must be displayed , use the image provided in the asset folder for the map.

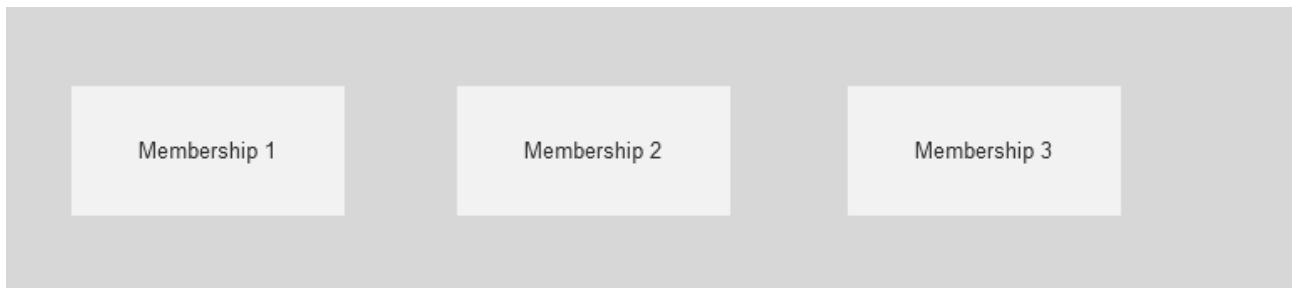
As provided in the above wireframes, the web site must support mobile screens with the same sections.

All styles must be saved and included in a file named : SportsStyles.css

Save the file as index.html

Part 2:

a change has been requested from the sports club to add a new section (Membership Types) , this section must be parallax (background image provided in the assets folder) as below :

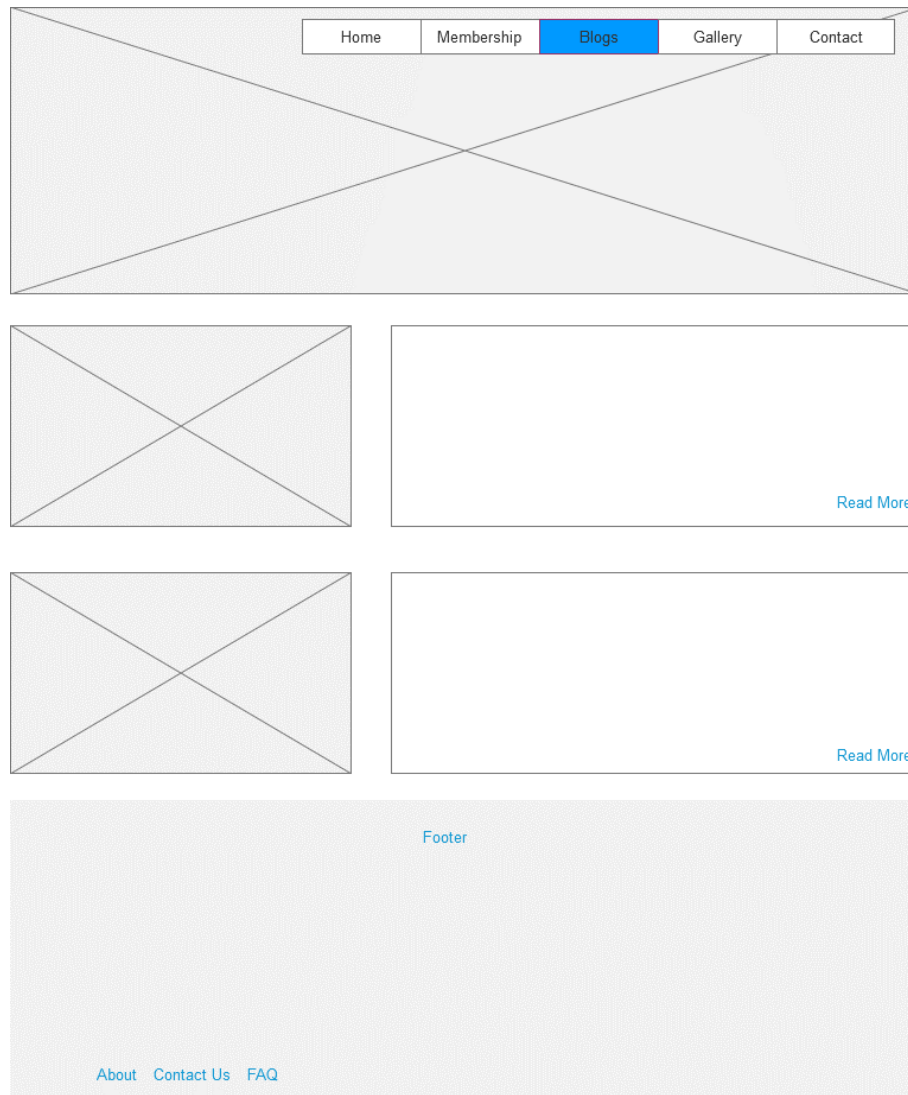


Sub Pages

Two new pages must be created ,

1- Blogs :

The Blogs page will be an interactive part of the web site , where the club will be able to post news and updates of the activities , below is the requested wireframe :

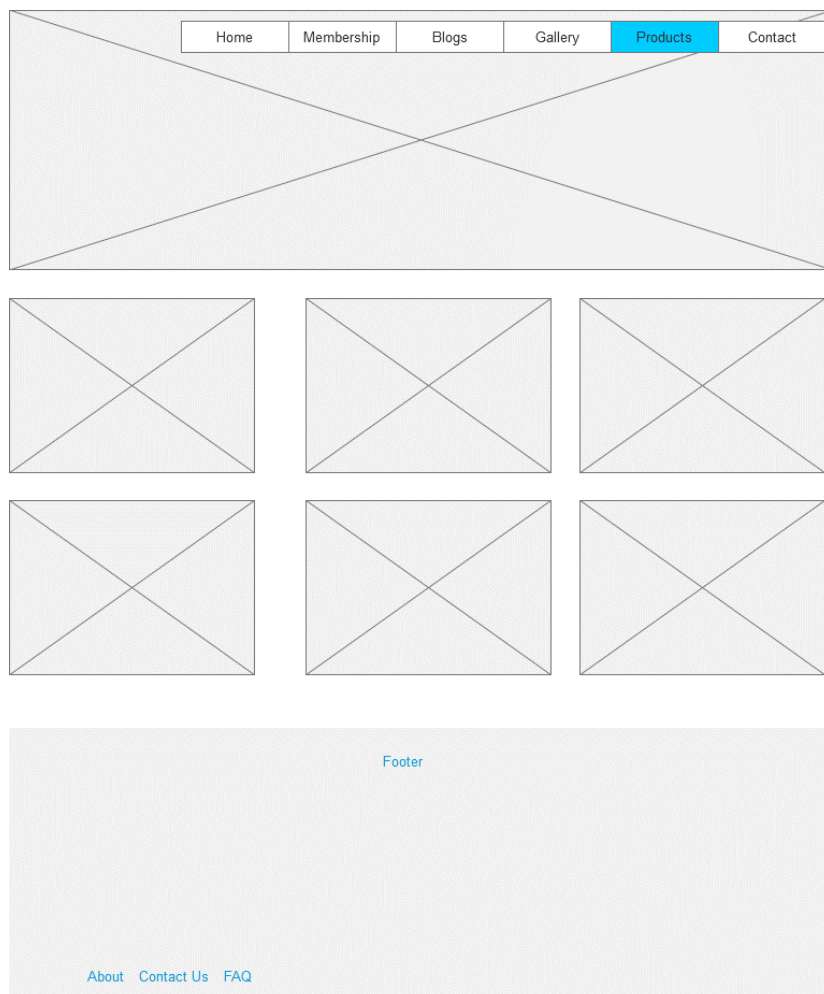


Instructions:

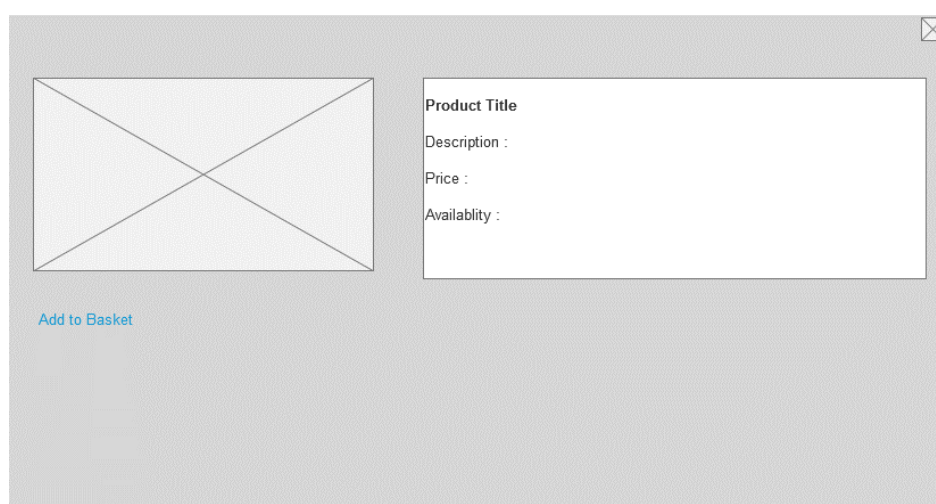
- The menu must highlight the current page item.
- The header should not be a slider , but one static image of the home page slider images.
- Each blog item will have an image to the left and a framed box to the right to show the first 100 word of the blog text with a link (Read More) to go to the full blog article .
- Consider that the page will be dynamic , but no development is required at this stage.
- A Footer section with a light gray background and 3 link items as described in the wireframe .
- This page must also be responsive , however , the same layout must appear in the mobile version as well except for the main menu .
- Static Images and text are included in the assets folder .
- You can use Adobe Photoshop for any image editing that's required.
- Save the file as Blogs.html

2- Products :

This page will show all products of the sports club, 3 on each row, when the user click on any of it should show a modal with the details of that product , as the below wireframe :



- Once a product is clicked , a modal must appear with more details about that product as below :

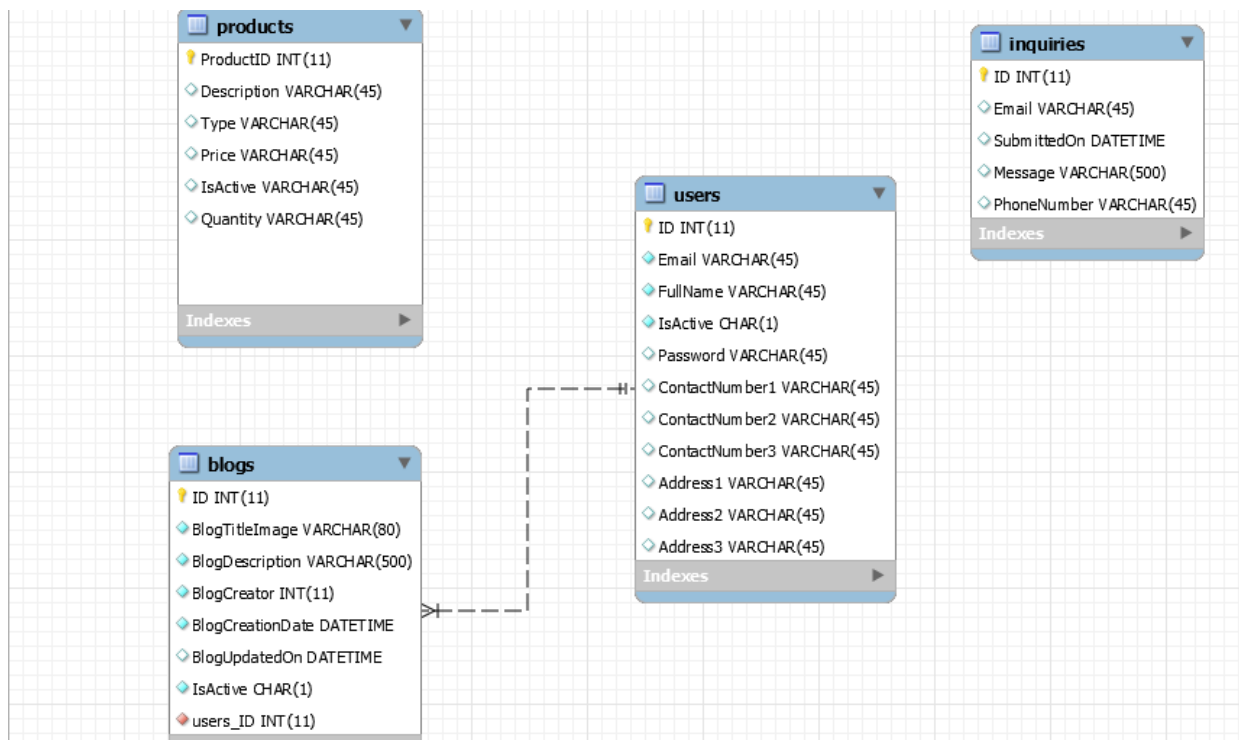


Instructions:

- for mobile version , only one product in each line .
- The modal must have a close button once clicked the modal must disappear.
- The product title must be bold and large.
- The Add to Basket must be a link at this stage, no development is required.
- The menu must highlight the current page item.
- use the same footer used in the Blogs page.
- Static Images are included in the assets folder .
- You can use Adobe Photoshop for any image editing that's required.
- All images must have the same size .
- The header is one static image (no slider) you can choose any of the slider images.
- Save the file as Products.html

2. Module 3 & 4 : Database Design & Web development

- You are required to implement the below scheme in MySQL , must make sure to do the required normalization if required without deleting the main scheme elements .
- You can use PHPMyAdmin , MySQL WorkBench , or Command to complete this task.
- Create a new database , name it : SportsClubDB



- An additional table is required to store the transactions of all purchased products by all users , make sure to create this table with the following columns and the corresponding data type , once created (ID , UserID , ProductID , Quantity , CreatedOn)
- Generate a new ER diagram with the new modified scheme , save it as Model.jpg
- Load the Products table with the excel file included in the assets folder.
- Add additional columns to the database if required .

- Main Page :

Go back to the home page and program the contact us form , all fields will be mandatory once submitted , the page must not refreshed , only a message replacing the form must appear as below : Thanks for submitting your feedback , we will contact you soon.

- Blogs Page

All blogs articles must be loaded from the database, follow the wireframe structure , first 100 word must be displayed in the box , when the **Read more** button is clicked it must show a modal with the same image and all the article text displayed , showing the full text of the blog article and the image in the modal must be called through a **service** as below :

Request :

GetBlog (services/BlogArticle?Id=[BlogArticleID])

Description : get a single blog details , image and description

Request Method : GET

Response:

All data in an array which consist of [Image , Description]

Response Status : 200

- In order to test the Blogs page , you will have to create records in the database based on the images and text provided to you in the assets folder .

- Products Page

- The products page must display all products which is Active in the database.
- Only the image of the product must be displayed, once clicked the modal must get the details of that product as in the wireframe.
- If the product quantity is 0 in the database, you must display **Out of Stock**, and the add to basket link must be disabled .
- Once the user clicks on : add to basket , the selected product must be added to a virtual basket and new link on the most left of the web site header must appear with the text (View my Basket).
- If the user clicks on the new link (View my Basket) a simple modal must appear with a table of all add items as below :

Item Title	Price	
		Remove
		Remove
	Total :	
		Check Out

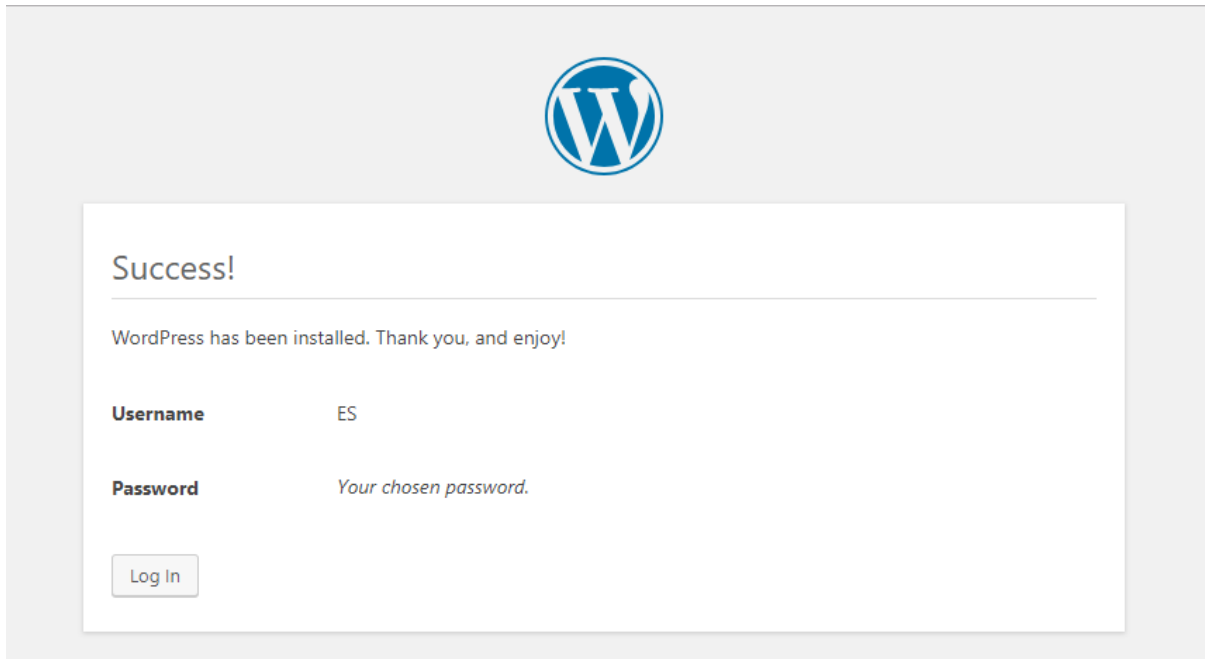
- Through the basket modal , the user will be able to remove the products which he doesn't want anymore.
- The total price of all products must appear as above.
- The Check Out is a link that will appear on the bottom of the modal , if the user clicks on it , the order items will be saved to the database as a transaction .

- Admin Site :

- Create a login page that will allow admin to login through. (Login.PHP)
- Create a page that will allow the admin to add new blogs / no layout is required for these pages. (AddBlogs.php)

3- Module 5 : CMS Wordpress

- Make sure to setup a password for the default user (root) , the password must be root123 , override required parameters when required to allow using the password.
- Create a new database in MySql PHPMyAdmin (WordPress)
- Install WP , the WP is located in the htadocs folder .
- The site title must be SportsClub , User name : ES ,make sure to save the generated password as you will need it to login to the site.
- Make sure you got the below screen which means that WP has been installed successfully :

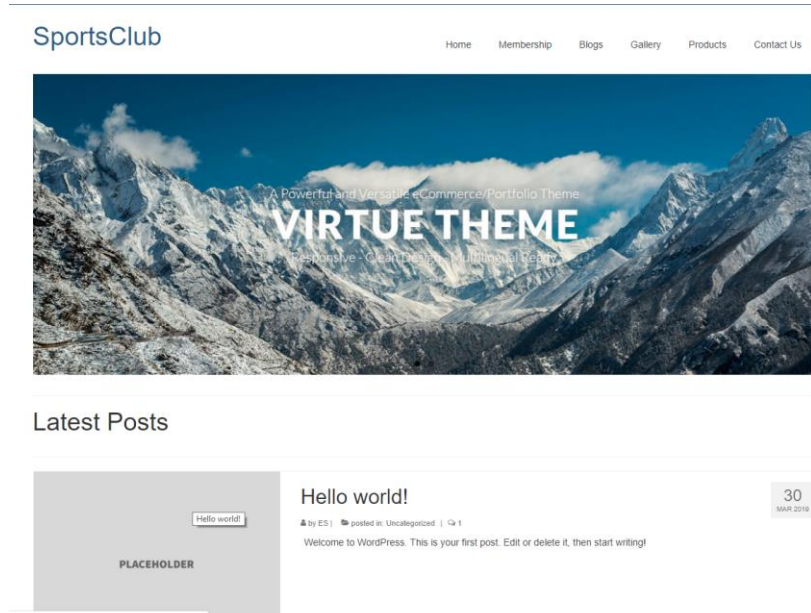


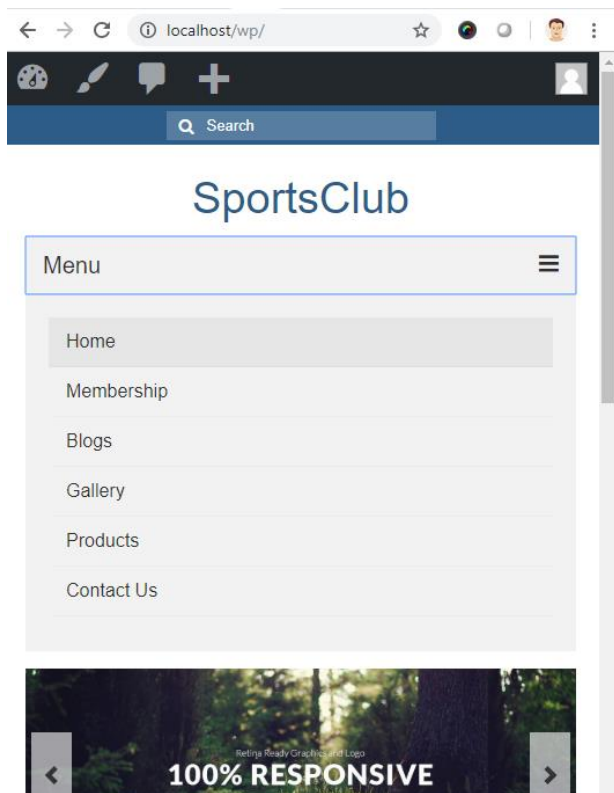
Task 1 : Apply a theme to the site

- Apply the theme given in the asset folder (Theme.zip)

Task 2: Create the site menu

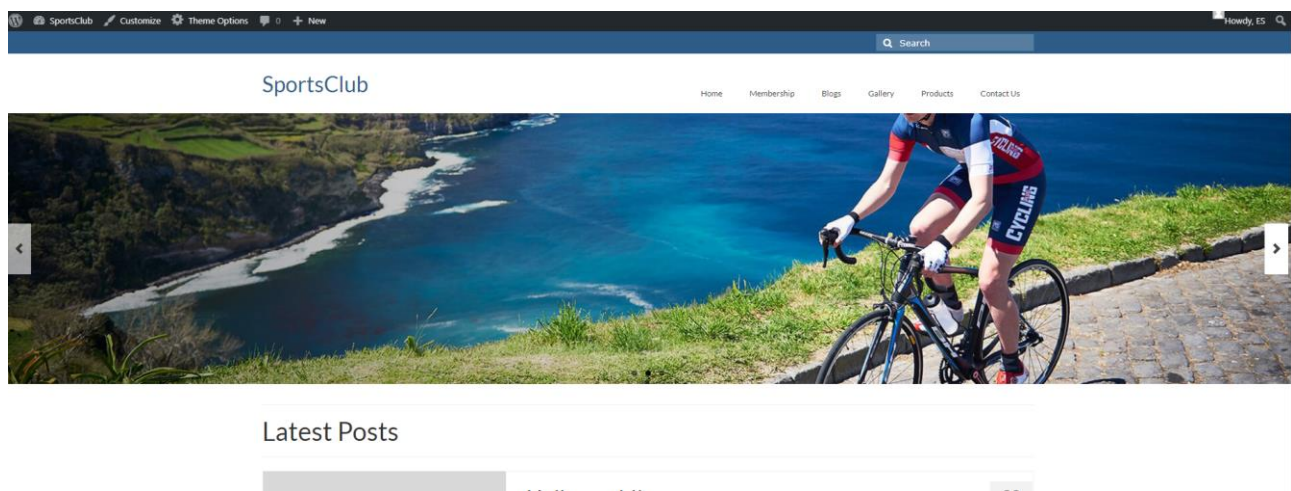
Create a site menu for both desktop and mobile version as below :





Task 3: plugin installation and site customization

- Install the plugins included in the asset folder
- Customize the slider to have the 3 images/sliders included in the asset folder , make the slider a full width of the page .



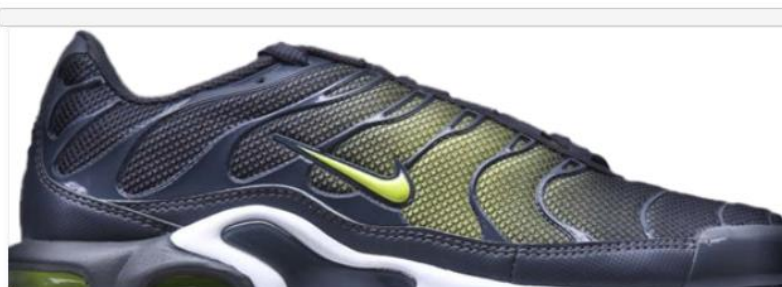
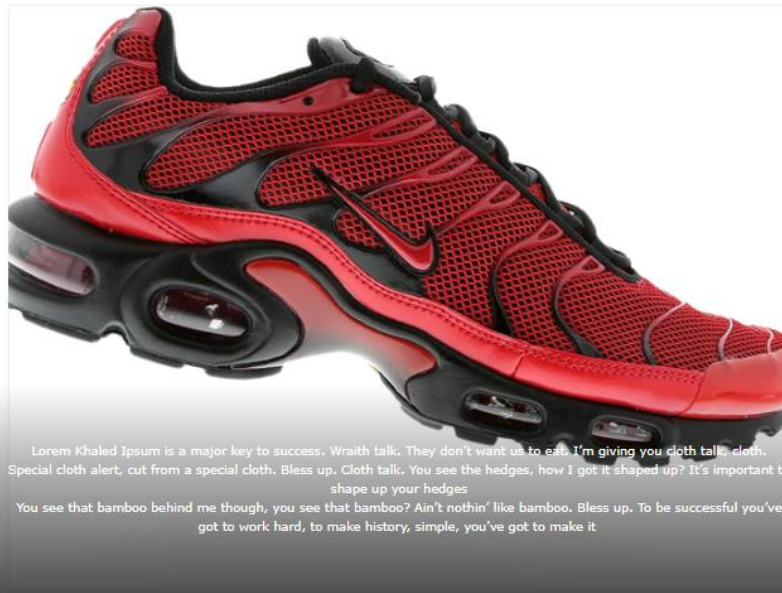
- Task 4 :

Create / Modify the Products page , add the 2 provided products from the asset folder and the text description to the page as below :

SportsClub

Home Membership Blogs Gallery Products Contact Us

Products



Search

Recent Posts

Hello world!

Recent Comments

A WordPress Commenter on Hello world!

Archives

March 2019

Categories

Uncategorized

Meta

Site Admin

Log out

Entries [RSS](#)

Comments [RSS](#)

WordPress.org