

A1 UNIFORMS

EPROJECT-SEMESTER 1

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Instructor	Mr. Nguyen Ngo Phuoc	
Class	T1.2005.E1	
Group	3	
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Duration	Start date	29 th July 2020
	End date	01 st August 2020

THIS IS TO CERTIFY THAT

MR./MS.:

TRAN VU LINH

VU HOANG THACH

NGUYEN NGOC THIEN NGAN

HA TAN PHAT

HAS SUCCESSFULLY DESIGNED & DEVELOPED

eProject: A1 UNIFORMS

Submitted by: TRAN VU LINH

Date of issue: July 29th 2020

Authorized Signature

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ACKNOWLEDGEMENT

First of all, we are thankful to Mr. Nguyen Ngo Phuoc for supporting us on the project and the cooperation of each team's member. The project couldn't be finished without their hard work. The project help us get more experience in team working and problem solving. It gives us a lot of confidence to face an interview as us have worked on a project.

Finally, we express our gratitude toward our families and colleagues for their kind cooperation and encouragement which help us in completion of this project.

SYNOPSIS

*A1 uniforms was founded in 2016 and since then they have been one of the leading **Uniform Manufacturers in the country**. they supply many schools in country and they give them the best uniforms. They supply affordable school uniforms for girls and boys. When clients come, they cater to client's vision. As a team of professionals they understand what clients want and deliver the best results.*

At A-1 uniform designs are innovative and there are always fresh and new ideas for each and every client. The textiles are of excellent quality and they make each uniform according to the size requirements given. The fit is ingenious and they provide with the best. A-1 Uniform is a part of a continuous strategic process of creative inputs from experts in the field. They consider each client differently and ensure the satisfaction with the end results. Each client is given the uttermost importance.

The entire team works together to achieve the same goal.

REQUIREMENT SPECIFICATION

Looking at the demands and increasing power of web, the management of A-1 are looking for hosting a website of their products which will be easier to reach to them.

You are being approached for developing the site "A1uniforms.com"
The Web site is to be created based on the following requirements.

- 1.** The home page must describe the keywords or highlight of the shop along with all navigation link defined.
- 2.** Products should be categorized as
 - a. Shirts
 - b. Skirts
 - c. Frocks
 - d. P.T. T-shirts
 - e. P.T. shorts
 - f. P.T. track pants
 - g. Belts
 - h. Ties
 - i. Logos
 - j. Socks
- 3.** The "Contact Us" page should have the Address of the Company and the mail address which when clicked will invoke the local mail client from where they can send an email. Address of the Company should be displayed using GeoLocation API (e.g. GoogleMaps).
- 4.** Contact Us page should also include the address and contact details of various outlets of A-1 uniforms in the city.
- 5.** About us page
- 6.** Feedback
- 7.** Navigation must be smooth.
- 8.** Color combination must be uniform throughout the project.

HARDWARE/ SOFTWARE REQUIREMENTS

For webmaster Hardware

- 1 gigahertz (GHz) or faster compatible processor or System on a Chip (SoC)
- 1 gigabyte (GB) for 32-bit or 2 GB for 64-bit

Software

- Windows 7 OS or higher
- Sublime Text 3, Visual Studio Code
- Bootstrap 3, jQuery.
- HTML5 and Javascript supporting web browsers such as Edge, Chrome, Firefox, Opera...

For web users Hardware

- 1 gigahertz (GHz) or faster compatible processor or System on a Chip (SoC)
- 1 gigabyte (GB) for 32-bit or 2 GB for 64-bit

Software

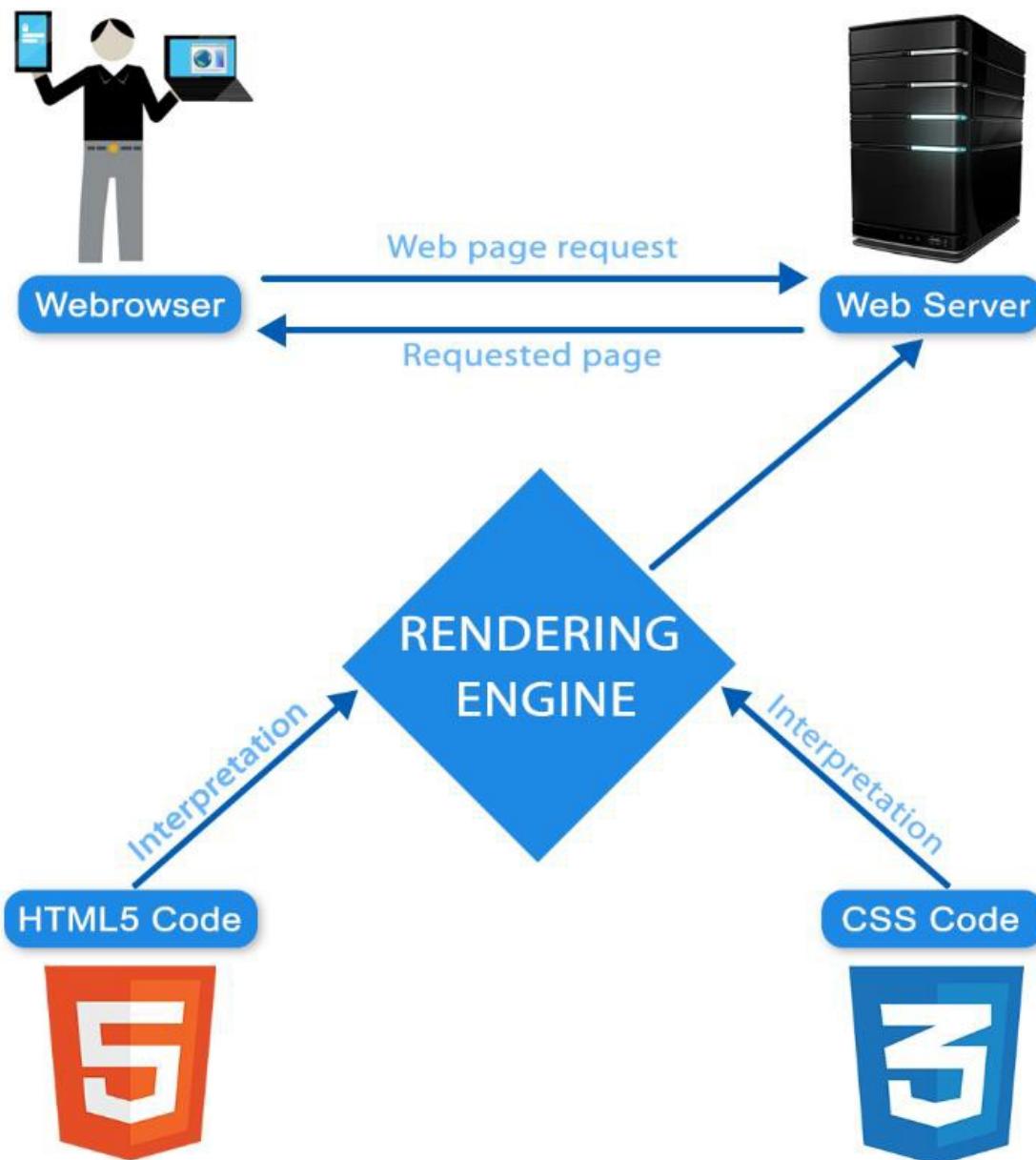
- Windows 7 OS or higher
- HTML5 and Javascript supporting web browsers such as Edge, Chrome, Firefox, Opera... (*Website best running on Edge browser*).

SCOPE OF THE WORK (Summary)

After discussing, our group has decided to create a Website follow the below contents:

- 1. Homepage:** Describe the keywords or highlight of the shop based on all navigation link defined. We have best seller, new arrival and trendy products toward to users. Moreover, we have a part for users subscribe to newsletter.
- 2. Products:** For the user's convenience, we display all of products on the navigation bar.
- 3. Contact Us:** Display an address, phone number, fax and an email to contact with us. Besides, we have a form which users can fill some information as an email or a message for us. The address was displayed by using GeoLocation API (e.g. Google Maps).
- 4. About:** Not only introducing about the main information, history and some factory's image, but also presenting 4 members and a short video recording a process of project.
- 5. Feedback:** Get the feedback from users.

ARCHITECTURE AND DESIGN OF THE SYSTEM



E-COMMERCE CONTEXT LEVEL DIAGRAM

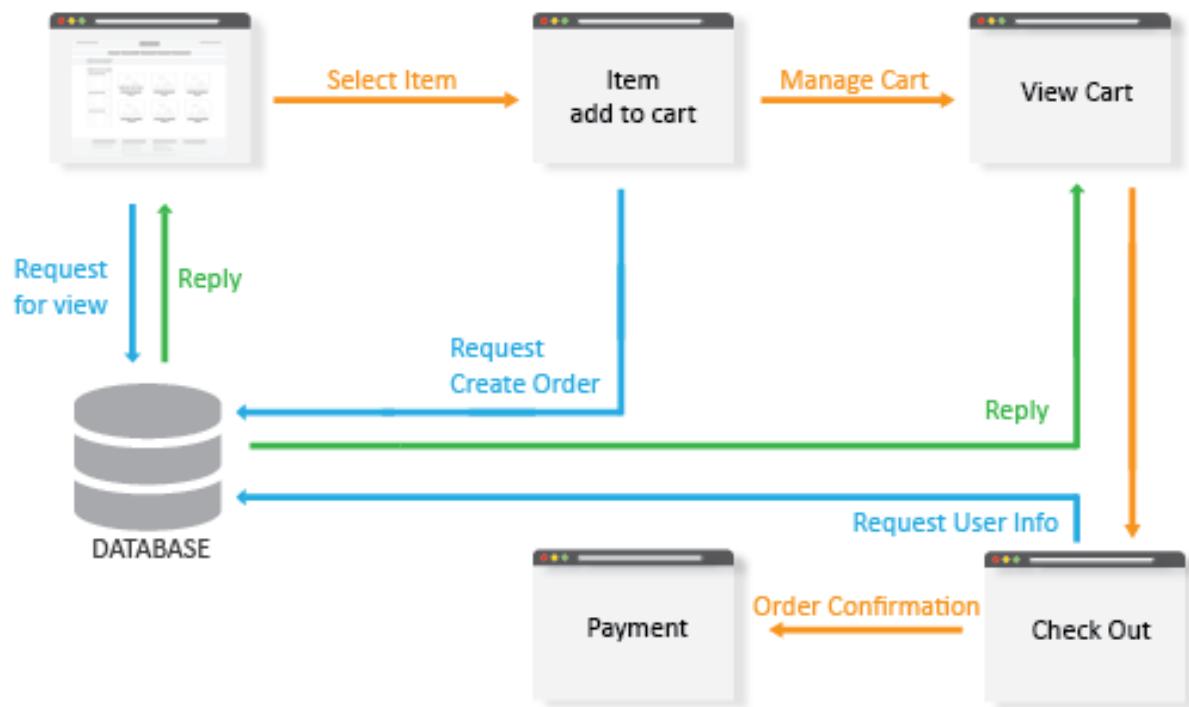
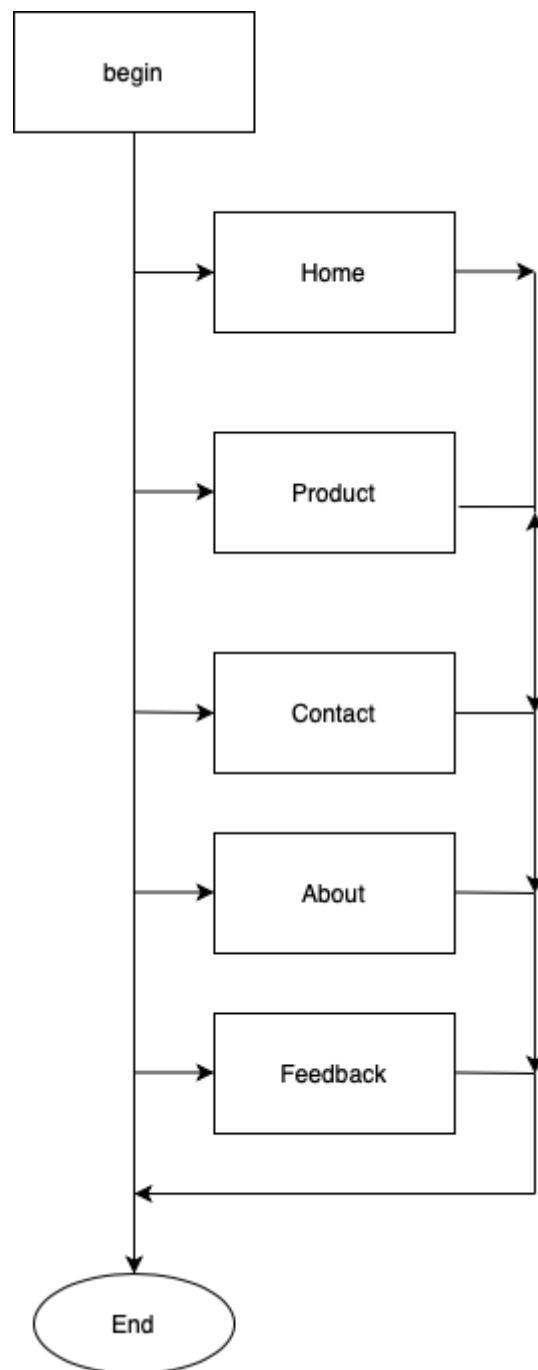


DIAGRAM OF THE WEBSITE



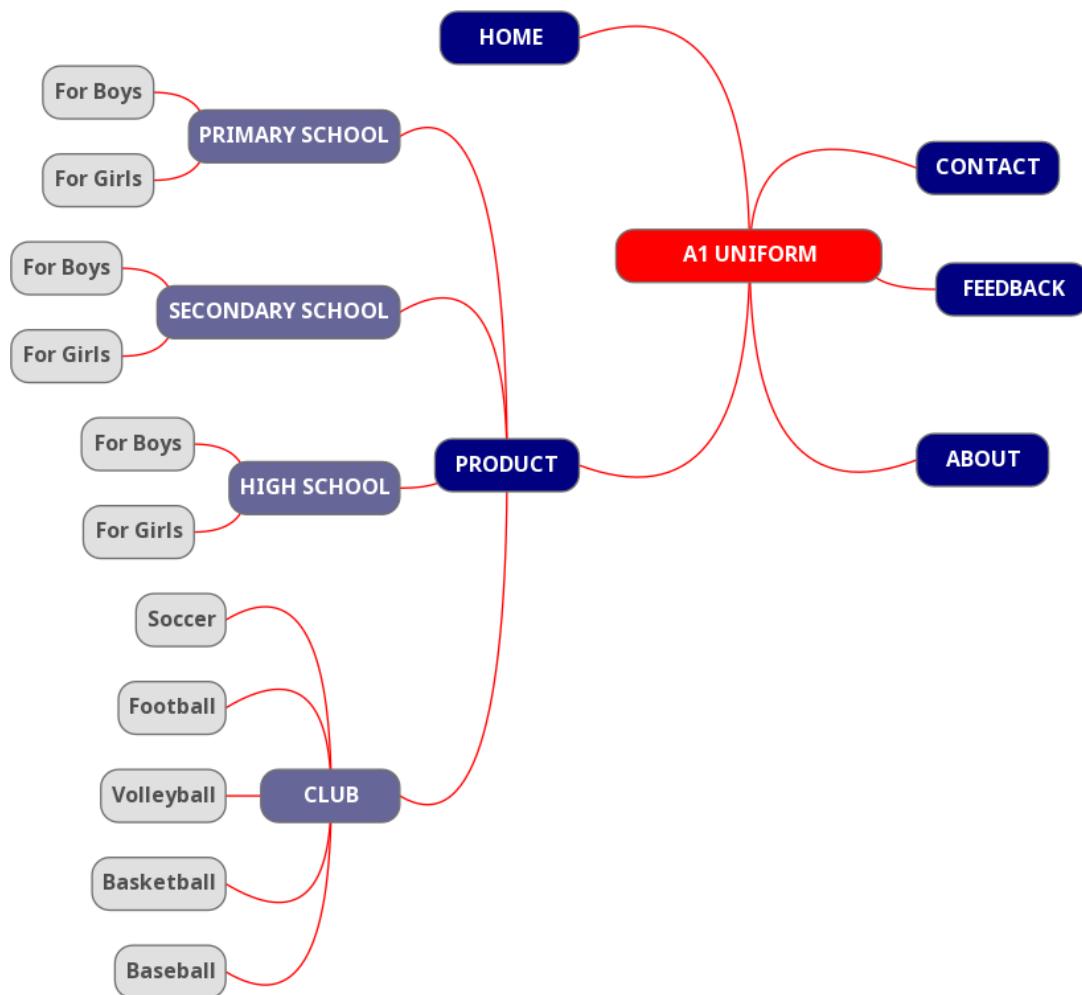
TASK SHEET REVIEW 1

Project Ref. No.:		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr. No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Problem Statement	A1 Uniforms	Linh	30/7/2020	1	Linh	Completed
2	Analysis of A1Uniforms requirements about the website			30/7/2020	1	Ngan	Completed
3	The scope of the work (in brief)			31/7/2020	1	Phat	Completed
4	Architecture and design of the system			31/7/2020	1	Ngan	Completed
5	E-commerce Context Level Diagram			31/7/2020	1	Linh	Completed
6	Diagram of the website			31/7/2020	1	Thach	Completed
7	Task Sheet			31/7/2020	1	Phat	Completed

Date:

Signature of Instructor:	Signature of Team Leader:
Mr. Nguyen Ngo Phuoc	Tran Vu Linh

SITE MAP

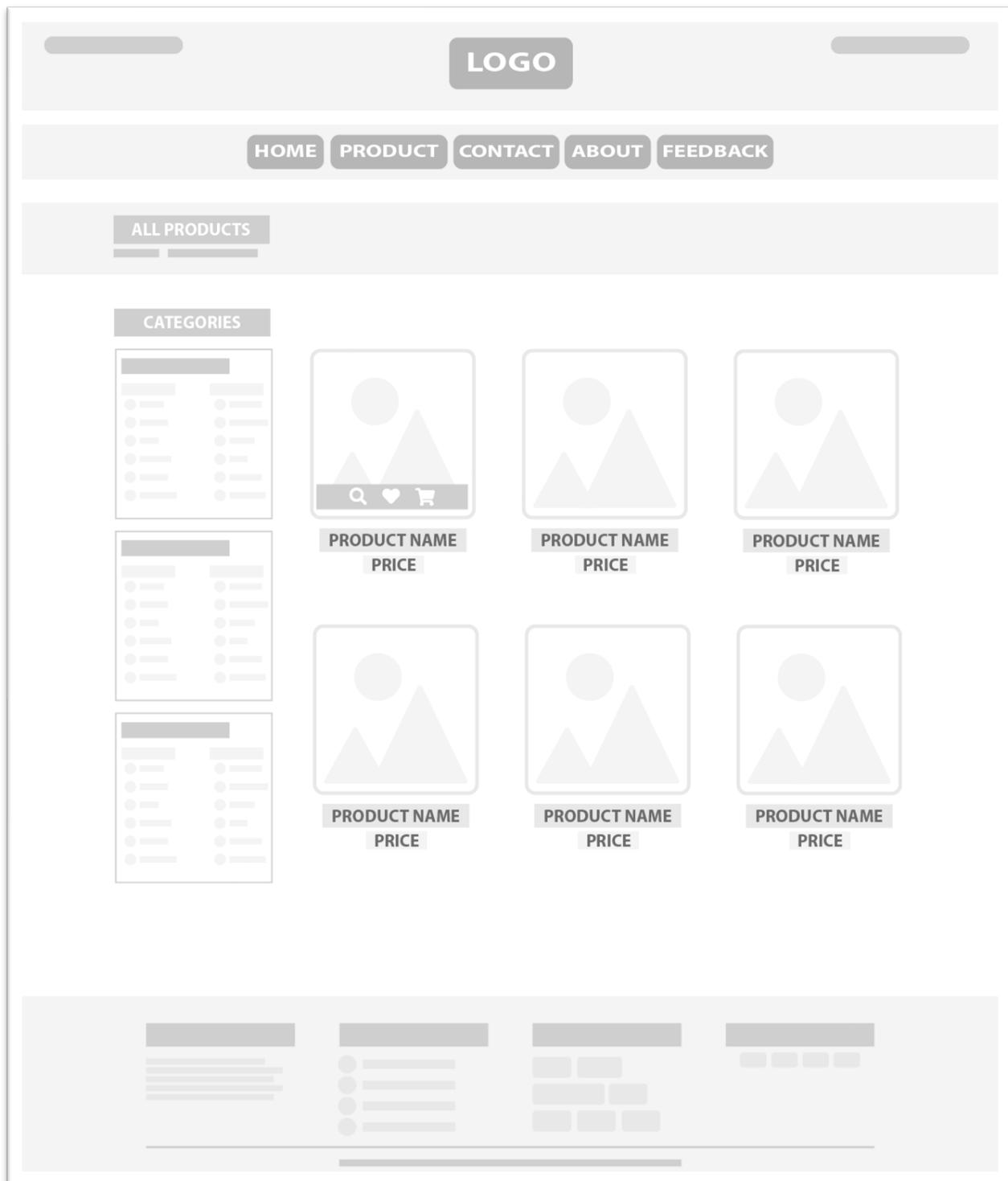


GENARAL SIMULATION OF THE WEBSITE

1. Home Page



2. Product



3. product detail



4. View Cart



5. Check Out

LOGO

HOME PRODUCT CONTACT ABOUT FEEDBACK

CHECKOUT

PLACE ORDER



The form consists of several sections. At the top is a header bar with a logo placeholder, navigation links (Home, Product, Contact, About, Feedback), and a checkout button. Below this is a large input area with multiple rows for product details, each row containing a placeholder icon for a product image. To the right of this input area is a sidebar with two placeholder icons for product images, each enclosed in a blue border. At the bottom is a summary or review section with four columns showing placeholder data.

6. Contact

LOGO

HOME PRODUCT CONTACT ABOUT FEEDBACK

CONTACT US

MAPS

• • • •

f t G Y @

SUBMIT



7. About

The wireframe illustrates a mobile-optimized website layout for the 'About' section. At the top is a header bar containing a central 'LOGO' placeholder. Below it is a navigation bar with five items: 'HOME', 'PRODUCT', 'CONTACT', 'ABOUT', and 'FEEDBACK'. The main content area is titled 'ABOUT US' and contains a large, empty rectangular placeholder for text or images. Below this is a horizontal image gallery with three placeholder images, each showing a landscape with mountains and a sun, flanked by left and right arrows. Underneath is a 'TEAM MEMBER' section featuring four placeholder circular avatars. The bottom of the page features a footer area with four distinct placeholder sections, each containing several horizontal lines of text.

8. Feedback



A wireframe diagram of a feedback form. At the top is a header bar with a central logo placeholder. Below it is a navigation bar with five buttons: HOME, PRODUCT, CONTACT, ABOUT, and FEEDBACK. The main content area is titled "FEEDBACK". It contains two sets of five horizontal input fields each, with small circular icons above them. To the right of each set of fields is a downward-pointing arrow icon. At the bottom right is a large "SUBMIT" button. At the very bottom is a footer bar containing four small rectangular icons.

TASK SHEET REVIEW 2

Project Ref. No.:		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr. No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Site Map	A1 Uniforms	Linh	11/8/2020	1	Ngan	Completed
2	General Simulation of Website			11/8/2020	1	Linh	Completed
3	Task Sheet			11/8/2020	1	Phat	Completed

Date:	Signature of Instructor:	Signature of Team Leader:
	Mr. Nguyen Ngo Phuoc	Tran Vu Linh

WEBSITE DESCRIPTION

1. Homepage

Introduction best seller, new arrival and trendy products suitable for users. Furthermore, we have a part for users subscribe to newsletter.

On pc

On Smartphone

2. Navigation Bar

Description of hover effects on navigation bar. When users hover (PC) or click (Smartphone) "PRODUCT" button, it will show all object.

On pc

On Smartphone

3. All Products

When users click on “PRODUCT” button on navigation bar, all products will be shown. Besides, there is a **Categories bar** at the left side for users to find products easily.

On pc

A1 Uniform

HOME PRODUCT CONTACT ABOUT FEEDBACK

All Products

0129-12323-123123

CATEGORIES

- PRIMARY SCHOOL
 - For Boy
 - For Girl
 - T-Shirts
 - Shorts
 - Track Pants
 - Logos
 - Socks
- SECONDARY SCHOOL
 - T-Shirts
 - Shorts
 - Track Pants
 - Logos
 - Socks
- HIGH SCHOOL
 - For Boy
 - For Girl
 - T-Shirts
 - Shorts
 - Track Pants
 - Logos
 - Socks
- CLUB
 - Soccer
 - Volleyball
 - Basketball
 - Baseball
 - Football

Short Sleeve Interlock Polo Shirt \$250

Long Sleeve Feminine Fit Interlock Polo Shirt \$350

Short Sleeve Essential T-shirt \$280

Iron Knee Stain Resistant Wrinkle Resistant Plain Front Chino Pants \$420

Resistant Wrinkle Resistant Plain Front Chino Pants \$490

Plain Front Blend Chino Shorts \$290

Modern, Education Education Logo \$50

1 2 3 4 5 6 7 8

On Smartphone

A1 Uniform

Mon - Sun 8:00am - 9:00pm

All Products

0129-12323-123123

CATEGORIES

- PRIMARY SCHOOL
- SECONDARY SCHOOL
- HIGH SCHOOL
- CLUB

Short Sleeve Interlock Polo Shirt \$250

Modern, Education Education Logo \$50

Short Sleeve Interlock Polo Shirt \$250

A1 UNIFORM

A1 Uniform Sales Co., Inc. is the source for quality uniforms and deportment apparel for children across the nation. Since 1965, we've been providing reliable apparel to businesses and organizations nationwide.

My Account

Wish List
Cart
Profile
Language

Category

T-Shirt Socks
Track Pants Shirt
Short Logo Skirt
Soccer Volleyball
Baseball Basketball
Football

Payment Methods

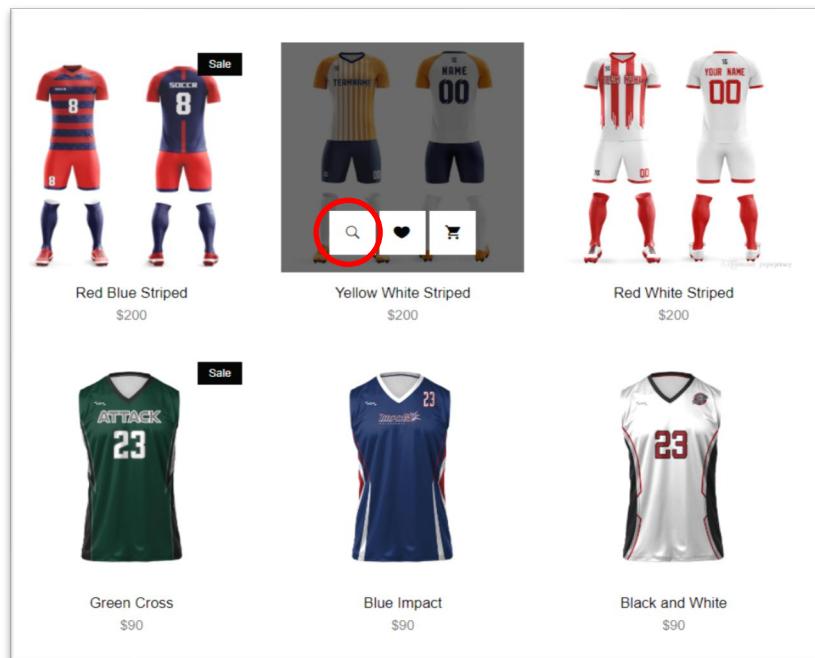
MasterCard American Express Discover Visa
Discover American Express
Visa
MasterCard
Discover
American Express

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4. Detail Products

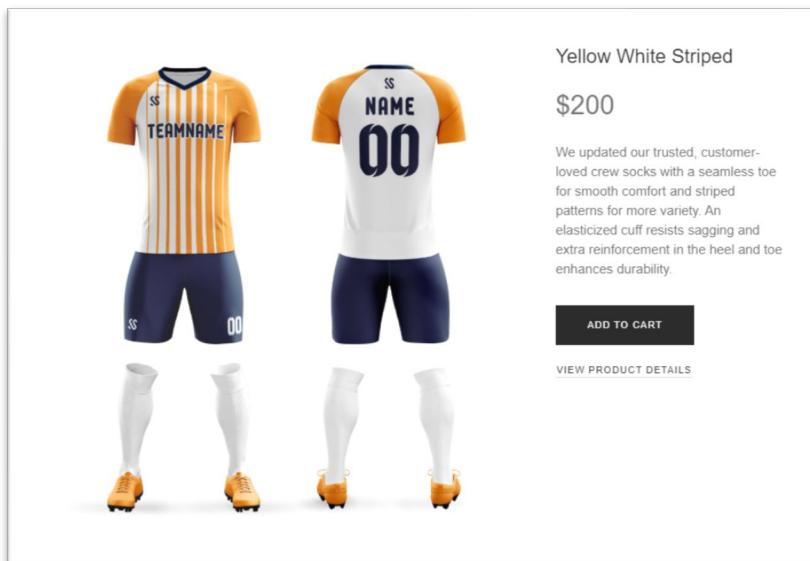
When users click on any product, the information such as: name, price, material will be displayed. Users maybe buy it when click on the "Add To Cart" button.

On pc



On Smartphone

The screenshot shows a product detail page for the "Yellow White Striped" uniform. At the top, there's a header with a back arrow, a close button, the title "A1 Uniform", and a search icon. Below the header are two main images of the uniform: front and back views. Underneath these images is a detailed description: "We updated our trusted, customer-loved crew socks with a seamless toe for smooth comfort and striped patterns for more variety. An elasticized cuff resists sagging and extra reinforcement in the heel and toe enhances durability." Below the description are two buttons: "ADD TO CART" and "VIEW PRODUCT DETAILS".



5. View Cart

Showing the user's shopping cart information (product, amount) and total price. Users can checkout when click "CHECKOUT" button.

On pc

	Yellow White Striped	X
\$200	- 1 +	\$200
Total : \$200	Clear All	
VIEW CART	CHECKOUT	

On Smartphone

	Yellow White Striped	\$200
- 1 +	\$200	X
Total : \$200		
CONTINUE SHOPPING	CHECKOUT	

A1 UNIFORM
personalized customer service. Since 1985, A1 Uniform Sales Co., Inc. has provided quality uniforms and dependable, personalized customer service. Since 1985, we've been providing reliable apparel to businesses and organizations nationwide.

My Account

- Cart
- Profile
- Language

Category

T-Shirt	Socks	Track Pants	Shirt
Short	Logo	Skirt	Soccer
Volleyball	Baseball	Basketball	
Football			

Payment Methods

VISA	JCB	MasterCard	PayPal
------	-----	------------	--------

A1 UNIFORM

A1 Uniform Sales Co., Inc. is the source for quality uniforms and dependable, personalized customer service. Since 1985, we've been providing reliable apparel to businesses and organizations nationwide.

Wish List

Cart

Profile

Language

Category

T-Shirt	Socks	Track Pants	Shirt
Short	Logo	Skirt	Soccer
Volleyball	Baseball	Basketball	
Football			

Payment Methods

VISA	JCB	MasterCard	PayPal
------	-----	------------	--------

6. Checkout

Displaying the Bill Details and Payment Method.

On pc

A1 Uniform

Checkout

BILLING DETAILS

ORDER SUMMARY

Total \$200

PAYMENT METHOD

PLACE ORDER

A1 UNIFORM

My Account

Category

Payment Methods

Yellow White Striped

1 x \$200 = \$200

Remove

Total \$200

Norton Verified by VISA MasterCard SecureCode

On Smartphone

A1 Uniform

Checkout

BILLING DETAILS

PAYMENT METHOD

Credit Card Details (Secure payment)

PLACE ORDER

A1 UNIFORM

My Account

Category

Payment Methods

Yellow White Striped

1 x \$200 = \$200

Remove

Total \$200

Norton Verified by VISA MasterCard SecureCode

A1 UNIFORM

My Account

Category

Payment Methods

VISA MC DE MasterCard

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7. Contact Us

Display an address, phone number, fax and an email to contact with us. In addition, we have a form which users can fill some information as an email or a message for us. The address was displayed by using GeoLocation API (e.g. Google Maps).

On pc

A1 Uniform

Contact Us

Map Satellite

Address: 590 Cach Mang Thang Tam, District 3, TP.HCM

Phone: +129-12323-123123

Fax: +880-31-000-000

Email: a1uniform@store.com

Your Name: _____

Your Email: _____

Subject: _____

Message:

A1 UNIFORM

My Account

Category

Payment Methods

On Smartphone

A1 Uniform

Contact Us

Map Satellite

Address: 590 Cach Mang Thang Tam, District 3, TP.HCM

Phone: +129-12323-123123

Fax: +880-31-000-000

Email: a1uniform@store.com

Your Name: _____

Your Email: _____

Subject: _____

Message:

A1 UNIFORM

My Account

Category

Payment Methods

8. About

Introduce the main information, history, some factory's image, 4 members and a short video record a process of project.

On pc

A1 Uniform

About Us

About Our Shop

Our A-1 uniforms brand was founded in 2010 and since then we have been one of the leading Uniform Manufacturers in Vietnam. We supply many schools and give the client the best uniforms. We supply affordable school uniforms for girls and boys. When clients come, we cater to client's vision. As a team of professionals we understand what clients want and deliver the best results.

A1-Uniform, designs are innovative and there are always fresh and new ideas for each and every client. The textiles are of excellent quality and we make each uniform according to the size requirements given. The fit is ingenious and we provide with the best materials. A-1 uniform is a part of a continuous strategic process of creative inputs from experts in the field. We consider each client differently and ensure the satisfaction with the end results. Each client is given the utmost importance.

The entire team works together to achieve the same goal.

A1 Uniform Office

TEAM MEMBERS

- Trần Vũ Linh (Team Leader)
- Võ Hoằng Thạch (Team Member)
- Nguyễn Ngọc Thiên Ngân (Team Member)
- Hà Tân Phát (Team Member)

Video presentation

On Smartphone

A1 Uniform

About Us

About Our Shop

Our A-1 uniforms brand was founded in 2010 and since then we have been one of the leading Uniform Manufacturers in Vietnam. We supply many schools and give the client the best uniforms. We supply affordable school uniforms for girls and boys. When clients come, we cater to client's vision. As a team of professionals we understand what clients want and deliver the best results.

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The entire team works together to achieve the same goal.

A1 Uniform Factory

TEAM MEMBERS

- Trần Vũ Linh (Team Leader)
- Võ Hoằng Thạch (Team Member)
- Nguyễn Ngọc Thiên Ngân (Team Member)
- Hà Tân Phát (Team Member)

Video presentation

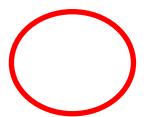
A1 UNIFORM

A1 Uniform Sales Co., Inc. is the source for quality uniforms and deportment, personalized customer service. Since 1980, we've been providing reliable support to businesses and organizations nationwide.

My Account

Category

Payment Methods



9. Sigin and Signup

Here users can log in or register if they do not have an account, all information entered by the user will be verified before sending to the server.

0129-12323-123123
A1 Uniform

 - Login
 Mon - Sun 8:00am - 9:00pm

A1 Uniform

WELCOME BACK

User Name

Please Enter your user name

Password

Please Enter your password

[New in this site ? Create New Account](#)

[Forgot your password?](#)

A1 Uniform

CREATE YOUR ACCOUNT

First Name

Please Enter your first name

Last Name

Please Enter your Last name

Username

Please Enter your user name

Email

Please Enter valid email

Password

Please Enter your password

[Already have an account ? Login](#)

[Forgot your password?](#)

10.FeedBack

Get the feedback from users.

On pc

The screenshot shows the 'Feedback' section of the A1 Uniform website. At the top, there's a header with the phone number 0129-12323-123123 and a search bar. Below the header, a navigation menu includes links for HOME, PRODUCT, CONTACT, ABOUT, and FEEDBACK. The main content area is titled 'Feedback' and shows a breadcrumb trail: Home > Feedback. It contains several form fields: a rating scale from 1 to 5 (with 4 selected), a dropdown for 'Choose a comment topic...', a text area for 'Enter your comments here', and a dropdown for 'What is your primary reason for visiting A1Uniform.com today?'. There are also questions about completing tasks and other retailers, followed by a recommendation scale from 0 to 10 (with 5 selected). An optional email field and a submit button are at the bottom.

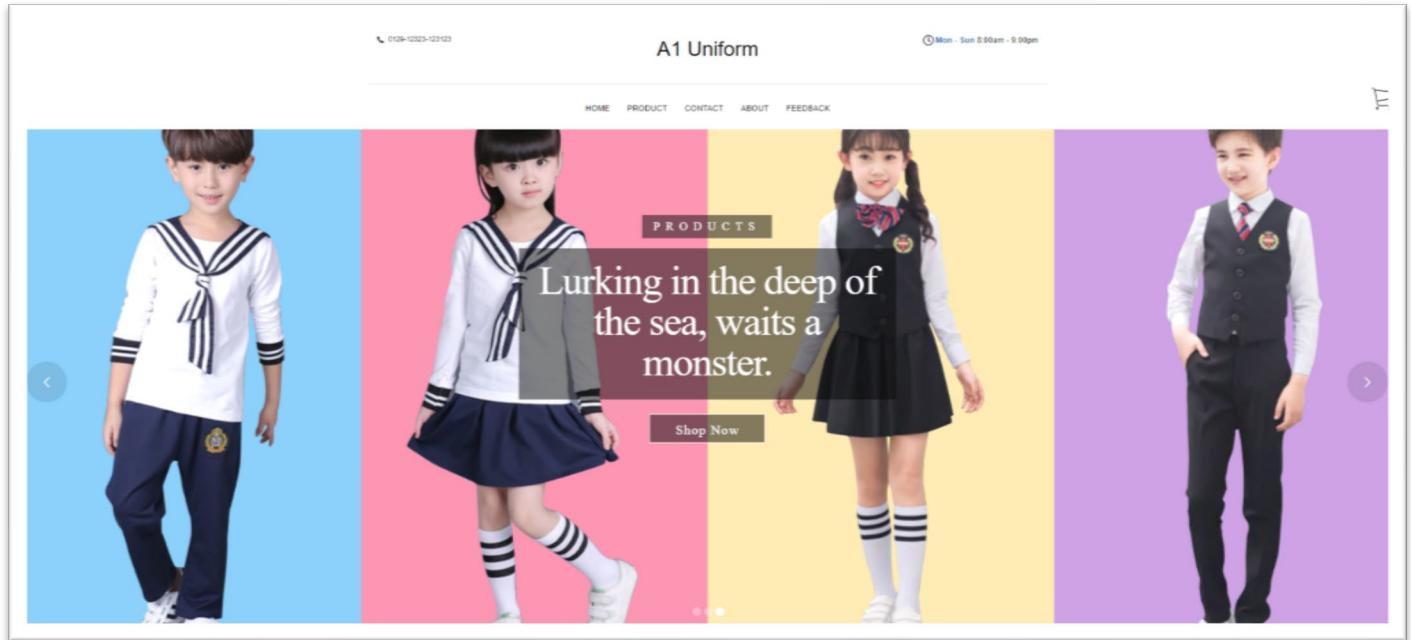
On Smartphone

The screenshot shows the same 'Feedback' section on a mobile device. The layout is adapted for a smaller screen. The top header includes the phone number 0129-12323-123123 and a search bar. The navigation menu is simplified. The main content area has a 'Feedback' title and a breadcrumb trail: Home > Feedback. It includes the same form fields as the desktop version, such as the rating scale, comment area, and dropdowns for reasons of visit. It also features a note about character limits (1000 characters left) and contact support. The recommendation scale and optional email field are present, along with a submit button.

MODULE DESCRIPTION

This chapter will provide information about module function integrated in the website

1. Banner Slider



a) Description

We just use Revolution Slider for slide function. There are tons of great features built into Slider Revolution to make creating custom sliders for your website easy. Here are a few of our favorites. it has transfer time 4s.

b) Source Code with Comments

```

<!-- Slider Start -->
<section class="main-slider" style=" ... ">
    <div id="home_slider_wrapper" class="rev_slider_wrapper fullscreen-container">
        <div id="home_slider" class="rev_slider fullscreenbanner tiny_bullet_slider" data-version="5.4.1">
            <ul>
                <!-- SLIDE -->
                <li data-index="rs-73" data-thumb="images/slider/s1.jpg" data-transition="fade" ...>
                <!-- SLIDE -->
                <li data-index="rs-74" data-transition="fade" data-slotamount="default" data-hideafterloop="0" ...>
                <!-- SLIDE -->
                <li data-index="rs-75" data-transition="fade" data-slotamount="default" data-hideafterloop="0" ...>
            </ul>
            <div class="tp-bannertimer" style="height: 10px; background: rgba(0, 0, 0, 0.15);"></div>
        </div>
    </div>
    <!-- END REVOLUTION SLIDER -->
</section>
<!-- end slider -->

```

Declare a div tag with id is home_slider

```

// Revolution Slider Init
var tpj = jQuery;
var revapi26;
tpj(document).ready(function () {
    if (tpj("#home_slider").revolution === undefined) {
        revslider_showDoubleJqueryError("#home_slider");
    } else {
        revapi26 = tpj("#home_slider")
            .show()
            .revolution({
                sliderType: "standard",
                jsFileLocation: "revolution/js/",
                sliderLayout: "auto",
                dottedOverlay: "none",
                delay: 4000,
                navigation: {
                    keyboardNavigation: "off",
                    keyboard_direction: "horizontal",
                    mouseScrollNavigation: "off",
                    mouseScrollReverse: "default",
                    onHoverStop: "off",

```

Use the id selector #home_slider

2. Best Sellers Slider

BEST SELLERS

Student clothes new boysl

suit 2pcs short sleeve T-shirt+ pants sets

\$ 30

indergarten Primary Kids Baby Girl

Clothes Korean Fashion Clothing Stage Student Choir Costumes

\$ 20

White Blouse Red Plaid Skirt Setl

90-130cm Children British Style School Uniform for Kids Girls

\$ 30

Cotton Rich School Cardigan Cardi

Royal Blue:- 70% Cotton 30% Polyamide / Marl Grey:- 80% Cotton 20% Polyester

\$ 40

< >

• • •

a) Description

We just use Bootstrap Carousel and custom CSS, A layer will have 4 products shown. Can control display and purchase directly by clicking the price button.

b) Source Code with Comments

```
// todo Best Sellers Carousel module
  $('#myCarousel').carousel({
    interval : 4000
  });

/* ----- end ----- */
```

Use the id selector #myCarousel and assign the method carousel

```
<div id="myCarousel" class="carousel slide" data-aos="zoom-in-up">
  <div class="carousel-inner">
    <div class="item active">
      <div class="row">
        <div class="col-md-3" ...>
        <div class="col-md-3" ...>
        <div class="col-md-3" ...>
        <div class="col-md-3" ...>
      </div>
    </div>
    <div class="item">
      <div class="row">
        <div class="col-md-3" ...>
        <div class="col-md-3" ...>
        <div class="col-md-3" ...>
        <div class="col-md-3" ...>
      </div>
    </div>
    <div class="item">
      <div class="row">
        <div class="col-md-3" ...>
        <div class="col-md-3" ...>
        <div class="col-md-3" ...>
        <div class="col-md-3" ...>
      </div>
    </div>
  </div>
```

Declare a div tag with id is myCarousel

3. Cart Module

The image displays two side-by-side screenshots of a shopping cart interface from an e-commerce platform. Both screenshots show a list of items with their details, including a thumbnail image, product name, price, quantity selector, and a green 'Total' button.

Screenshot 1 (Left):

- Secondary School Short Sleeve Interlock Polo Shirt:** \$250 (Quantity: 3)
- Mesh Gym Shorts:** \$350 (Quantity: 2)
- Plain Front Blend Chino Shorts:** \$280 (Quantity: 1)

Total: \$1980

Screenshot 2 (Right):

- Short Sleeve Essential T-shirt:** \$250 (Quantity: 1)
- Long Sleeve Feminine Fit Interlock Polo Shirt:** \$250 (Quantity: 1)
- Plain Front Blend Chino Shorts:** \$280 (Quantity: 1)

Total: \$780

Common UI Elements:

- A top navigation bar with a shopping cart icon containing the number '7'.
- A 'Clear All' button at the bottom of each cart panel.
- 'VIEW CART' and 'CHECKOUT' buttons at the bottom of each cart panel.

a) Description

Cart module is a piece of software that keeps the record of the items a buyer has 'picked up' from the online store. Acting as an online store's catalog, the eCommerce shopping cart enables consumers to select products, review what they selected, make modifications or add extra items if needed, and purchase the products.

b) Source Code with Comments

```
<!-- Cart shopping -->
<section class="shopping-cart">
  <div class="cart-hover">
    <span class="cart-count animate__animated animate__heartBeat"></span>
    <a href="view-cart.html" data-toggle="dropdown"><i class="tf-ion-ios-cart-outline" style="font-size: 50px;"></i></a>
    <div class="dropdown-cart animate__animated animate__fadeInRight animate__fast">
      <div class="show-cart-list">
        <div class="cart-list">
          <div style="flex: 3; ...>
          <div class="media-body-cart" ...>
          <div style="flex: 1; ...>
        </div>
      </div>
      <div class="cart-summary-total">
        <div style="flex: 2; text-align: left;">Total :</div>
        <div class="total-price" style="flex: 4; text-align: left;">...</div>
        <div class="clear-cart btn btn-danger outline">Clear All</div>
      </div>
      <ul class="text-center cart-buttons">
        <li>
          <a href="view-cart.html" class="btn btn-small">View Cart</a>
        </li>
        <li>
          <a href="checkout.html" class="btn btn-small btn-solid-border">Checkout</a>
        </li>
      </ul>
    </div>
  </div>
</section>
```

Declare a section tag with class is shopping-cart

```
var shoppingCart = (function () {
  // =====
  // Private methods and properties
  // =====
  var cart = [];

  // Constructor
  function Item(name, price, count, img) {
    this.name = name;
    this.price = price;
    this.count = count;
    this.img = img;
  }

  // Save cart
  function saveCart() {
    sessionStorage.setItem("shoppingCart", JSON.stringify(cart));
  }

  // Load cart
  function loadCart() {
    cart = JSON.parse(sessionStorage.getItem("shoppingCart"));
  }

  if (sessionStorage.getItem("shoppingCart") != null) [
    loadCart();
  ]
});
```

```
//todo Add to cart
obj.addItemToCart = function (name, price, count, img) {
  for (var item in cart) {
    if (cart[item].name === name) {
      cart[item].count++;
      saveCart();
      return;
    }
  }
  var item = new Item(name, price, count, img);
  cart.push(item);
  saveCart();
};

//todo Set count from item
obj.setCountForItem = function (name, count) {
  for (var i in cart) {
    if (cart[i].name === name) {
      cart[i].count = count;
      break;
    }
  }
};
```

Some functions of the cart module: additemToCart, v.v

4. Checkout info validation module

BILLING DETAILS

FULL NAME

Fullname must be 3-15 characters

ADDRESS

ZIP CODE
CITY

COUNTRY

PAYMENT METHOD

Credit Card Details (Secure payment)

CARD NUMBER *

EXPIRY (MM/YY) *
MM / YY

CARD CODE *
CVC

PLACE ORDER

ORDER SUMMARY

	Short Sleeve Essential T-shirt
	1 x \$250 = \$250
	Remove
	Long Sleeve Feminine Fit Interlock Polo Shirt
	1 x \$250 = \$250
	Remove
	Plain Front Blend Chino Shorts
	1 x \$280 = \$280
	Remove

Total	\$780
-------	-------





a) Description

This is called form validation. When you enter data, the browser and / or the web server will check to see that the data is in the correct format and within the constraints set by the application. Validation done in the browser is called client-side validation, while validation done on the server is called server-side validation. If the information is correctly formatted, the application allows the data to be submitted to the server and (usually) saved in a database; if the information isn't correctly formatted, it gives the user an error message explaining what needs to be corrected, and lets them try again.

b) Source Code with Comments

```
<form class="checkout-form">
    <div class="form-group">
        <label for="full_name">Full Name</label>
        <input type="text" class="form-control" id="full_name" placeholder=""><span id="errfullname" class="errmsg"></span>
    </div>
    <div class="form-group">
        <label for="user_address">Address</label>
        <input type="text" class="form-control" id="user_address" placeholder="" required>
    </div>
    <div class="checkout-country-code clearfix">
        <div class="form-group">
            <label for="user_post_code">Zip Code</label>
            <input type="text" class="form-control" id="user_post_code" name="zipcode" value=""><span id="errzipcode" class="errmsg"></span>
        </div>
        <div class="form-group">
            <label for="user_city">City</label>
            <input type="text" class="form-control" id="user_city" name="city" value="">
        </div>
    </div>
    <div class="form-group">
        <label for="user_country">Country</label>
        <input type="text" class="form-control" id="user_country" placeholder="">
    </div>
</form>
```

Declare form tag with class checkout-form

```
function checkFullscreen() {
    if (reg_fullname.test(fullname.value) === false) {
        fullname.classList.add('errinput');
        errfullname.innerHTML = 'Fullname must be 3-15 characters';

        return false;
    } else {
        fullname.classList.remove('errinput');
        errfullname.innerHTML = '';
        return true;
    }
}

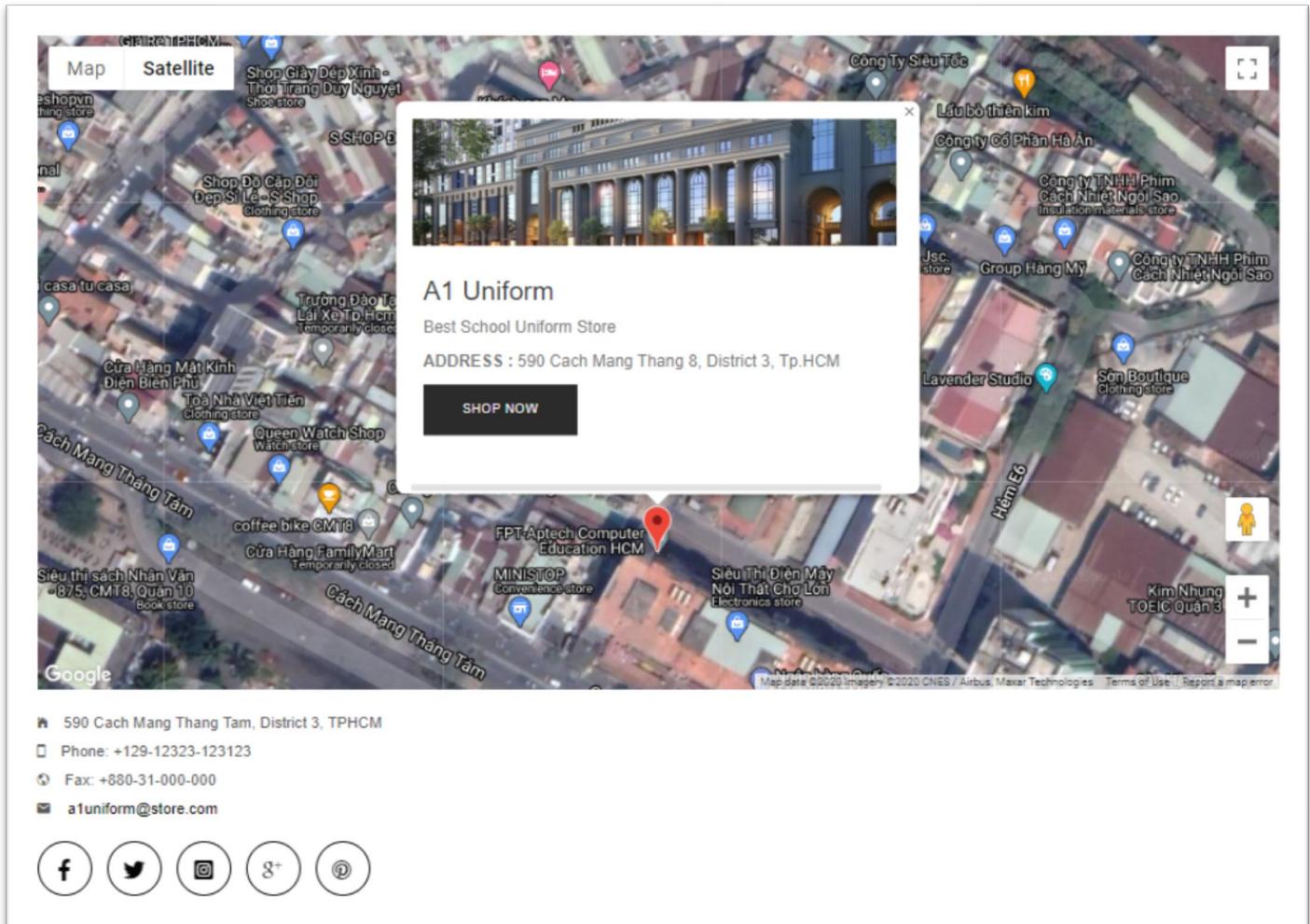
> function checkZipcode() { ... }

> function checkCreditcard() { ... }

function validateform() {
    var c = false;
    if (checkFullscreen()) {
        if (checkZipcode()) {
            if (checkCreditcard()) {
                if (checkExpcard()) {
                    if (checkCardcvc()) {
                        c = true;
                    }
                }
            }
        }
    }
    return c;
};
```

Some validation functions

5. Map direction module



a) Description

Displays a map of the store's location, using google geolocation api. The Geolocation API returns a location and accuracy radius based on information about cell towers and WiFi nodes that the mobile client can detect.

b) Source Code with Comments

```
<div class="google-map">
  <div id="map"></div>
</div>
```

declare div id tag is map

```
<script
  async
  src="https://maps.googleapis.com/maps/api/js?key=AIzaSyA_5CbiJoFWm4KHUnTrAKLPy5BmgIg5Uv0&callback=initMap"
  type="text/javascript"
></script>
```

include Geolocation API

```
let marker;
function initMap () {
  var uluru = {lat:10.786596,lng:106.666103};
  var map = new google.maps.Map(document.getElementById('map'),{
    zoom:19,
    center:uluru,
    mapTypeId: google.maps.MapTypeId.HYBRID
  });
  var contentString = '<div class="row">'+<div class="col-sm-12 col-md-23">'+ '<div class="thumbnail" style="border: none">'+
  ''+<div class="caption">+'<h3>A1 Uniform</h3>+'<p>Best School Uniform Store</p>' +
  '<p><b>ADDRESS : </b>590 Cach Mang Thang 8, District 3, Tp.HCM</p>'+<p><a href="all-products.html" class="btn btn-main" role="button">Shop Now</a>' +
  '</div>'+</div>'+</div>'+</div>';

  var infowindow = new google.maps.InfoWindow({
    content : contentString,
    maxWidth : 480
  });
  marker = new google.maps.Marker({
    map,
    draggable: true,
    animation: google.maps.Animation.DROP,
    position: { lat: 10.786598, lng: 106.666101 },
  });
  marker.addListener("click", function(){
    infowindow.open(map,marker)
  });
  infowindow.open(map,marker);
}

function toggleBounce() {
  if (marker.getAnimation() !== null) {
    marker.setAnimation(null);
  } else {
    marker.setAnimation(google.maps.Animation.BOUNCE);
  }
}
```

declare function initMap

6. Sort and filter module

CATEGORIES

PRIMARY SCHOOL	
For Boy	For Girl
<input type="checkbox"/> Shirts	<input checked="" type="checkbox"/> Shirts
<input type="checkbox"/> T-Shirts	<input type="checkbox"/> T-Shirts
<input type="checkbox"/> Shorts	<input type="checkbox"/> Shorts
<input checked="" type="checkbox"/> Track Pants	<input type="checkbox"/> Track Pants
<input type="checkbox"/> Logos	<input type="checkbox"/> Logos
<input type="checkbox"/> Socks	<input type="checkbox"/> Socks
SECONDARY SCHOOL	
HIGH SCHOOL	
CLUB	



Iron Knee Stain Resistant Wrinkle
Resistant Plain Front Chino Pants

\$420



Resistant Wrinkle Resistant Plain
Front Chino Pants

\$490



Girl Short Sleeve Interlock Polo Shirt

\$250



Girl Long Sleeve Feminine Fit
Interlock Polo Shirt

\$250

a) Description

Supporting users to find products in each category, users can quickly find out which products to buy.

b) Source Code with Comments

```

<h4>For Boy</h4>
<ul>
  <li>
    <input type="checkbox" class="form-check-input" id="b-shirts"
           rel="b-shirts">
    <label class="form-check-label" for="b-shirts">Shirts</label>
  </li>
  <li>
    <input type="checkbox" class="form-check-input" id="b-tshirts"
           rel="b-tshirts">
    <label class="form-check-label" for="b-tshirts">T-Shirts</label>
  </li>
  <li>
    <input type="checkbox" class="form-check-input" id="b-shorts"
           rel="b-shorts">
    <label class="form-check-label" for="b-shorts">Shorts</label>
  </li>
  <li>
    <input type="checkbox" class="form-check-input"
           id="b-trackpants" rel="b-trackpants">
    <label class="form-check-label" for="b-trackpants">Track
      Pants</label>
  </li>
</ul>

```

Use the ul li tag to display the checkbox

```

$('.panel-body>.panel-flex>div>ul>li').find('input:checkbox').on('click', function () {
  if($('.panel-body>.panel-flex>div>ul>li').find('input:checkbox:checked').length > 0) {
    $('.cat').hide();
    $('.panel-body>.panel-flex>div>ul>li').find('input:checked').each(function () {
      $('.cat.' + $(this).attr('rel')).not('.hidden').show('slow');
    });
  } else {
    $('.cat').each(function (index, element) {
      if (index < 9) {
      }
    });
  }
});

```

Use the find method to search for checked checkboxes

TASK SHEET REVIEW 3

Project Ref. No.:		Project Title:	Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr. No.	Task			Actual Start Date	Actual Days	Team Mate Names	Status
1	Template	A1 Uniforms	Linh	11/8/2020	1	4 members	Completed
2	Navigation Bar			13/8/2020	1	Ngan	Completed
3	Homepage			13/8/2020	1	Linh	Completed
4	Contact Us			13/8/2020	1	Thach	Completed
5	About			13/8/2020	1	Phat	Completed
6	Feedback			14/8/2020	1	Thach	Completed
7	Map			13/8/2020	1	Thach	Completed
8	Products			15/8/2020	1	Linh, Ngan, Phat	Completed
9	Footer			14/8/2020	1	Ngan	Completed
10	Gathering information and images			13/8/2020	1	4 members	Completed
11	Add to Cart, Checkout			15/8/2020	1	Thach, Linh	Completed
12	Module Description			20/8/2020	2	Linh	Completed

Date:	Signature of Instructor:	Signature of Team Leader:
	Mr. Nguyen Ngo Phuoc	Tran Vu Linh