



CA 2 – WEB AND UI DESIGN



Aline da Silva /X00135202
Higher Diploma in Computing Science

Web and UI Design
Continuous Assessment 2 – value 30%

Out Date: **Thursday 30th March 2017**
Submission Date: **Wednesday 3rd May 2017 - 6pm**

Description

You are required to work in groups to plan, design, develop and later evaluate your website. The website you create should look like a real working site, examples include:

- Sports club website
 - A charity website
 - Small business website
 - A music website (if you are in a band etc.)
 - A website relating to a personal interest or hobby (No fan websites – e.g. premier league football club related sites, etc. are not acceptable)
1. The website should be developed using client side technologies (i.e. run in browser) covered in our class (HTML 5, CSS, and JavaScript). You are not required to include server side functionality.
 2. The site should be standards compliant (see W3.org) and follow best practice for accessibility and compatibility across all browsers and platforms.
 3. You should ensure that you have copyright for any content, including images, included in your site.

Summary

- **Group selection and website title**
 - Maximum of two group members.
 - Website title and group members should be added to the CA project document on Moodle
- **Analysis / Plan (15%)**
 - Define your target audience. 3
 - Identify user requirements and goals. 3
 - Survey Analyses 4-6
 - Examine the features of similar websites. 7-8
- **Design (20%)**
 - Site structure and organisation 10
 - Page layout 11-20
 - Navigation 21-22
 - Storyboard 23-38
- **Development (50%)(separated folder)**
 - Build a prototype website using HTML5 and CSS3.
 - You can use Twitter Bootstrap if you wish
- **Evaluate and Update Prototype (15%)**
 - Site Testing (errors, browser issues, cross platform). 39
 - Usability testing (Accessibility, Navigation, Readability). 41
 - Review website after testing and update the prototype. 42

• Analysis / Plan (15%)

- Define your target audience.

The computer shop is located in a Walkinstown where most part of the population is 45 + because of this the website will be targeting his other half of customers the international business. Most part of the international business is based in UK, and previously this business was done through Ebay but now working with Ebay and Payall is getting very hard because of this The Computer shop owner decided to direct all the purchases to his own website.

- Identify user requirements and goals.

Requirements:

The website should be as easy as possible for the customers to find the product that they are looking for. Example the home page is designed for the customer to find the products by category that is why we have 6 pictures representing main products and services: desktops, laptops, ipads & tablets, phones, parts and services. Also we are just adding the bestselling product from each category.

Goal:

Sell products to customers abroad and generate money.

• Survey Analysis

1. What is your gender?

- female
 male

2. How old are you?

3. On a typical day, about how many hours do you spend on your device?

- 0-1
 2-3
 4-5
 6-7
 More than 7

4. Which of the following electronic devices do you use? (Please select all that apply.)

- Desktop Computer
 Laptop Computer
 Tablet (e.g. iPad, Samsung Galaxy)
 Android Phone
 I don't own any of these electronic devices

5. What devices brands do you have at home?

- Dell
 Apple
 HP
 Assus
 none
 Other (please specify)

6. How much would you pay for a tablet/Ipad?

- 100-200
 200-300
 300-400
 400+
 Other (please specify)

7. How much would pay for a phone?

- 100-200
 200-300
 300-400

- 400+
- Other (please specify)

8. Do you prefer to make purchases online or in-person, assuming there is no difference in quality or price?

- Prefer online
- Prefer in-person
- No preference

9. How often do you buy devices of technology?

- when it breaks
- every time of an update
- every year

Other (please specify)

10. How easy was it to find what you were looking for on our website?

- Extremely easy
- Very easy
- Somewhat easy
- Not so easy
- Not at all easy

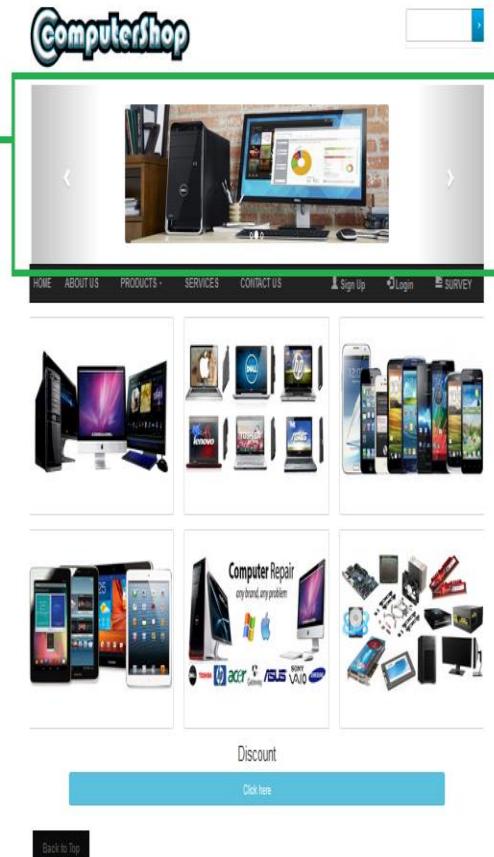
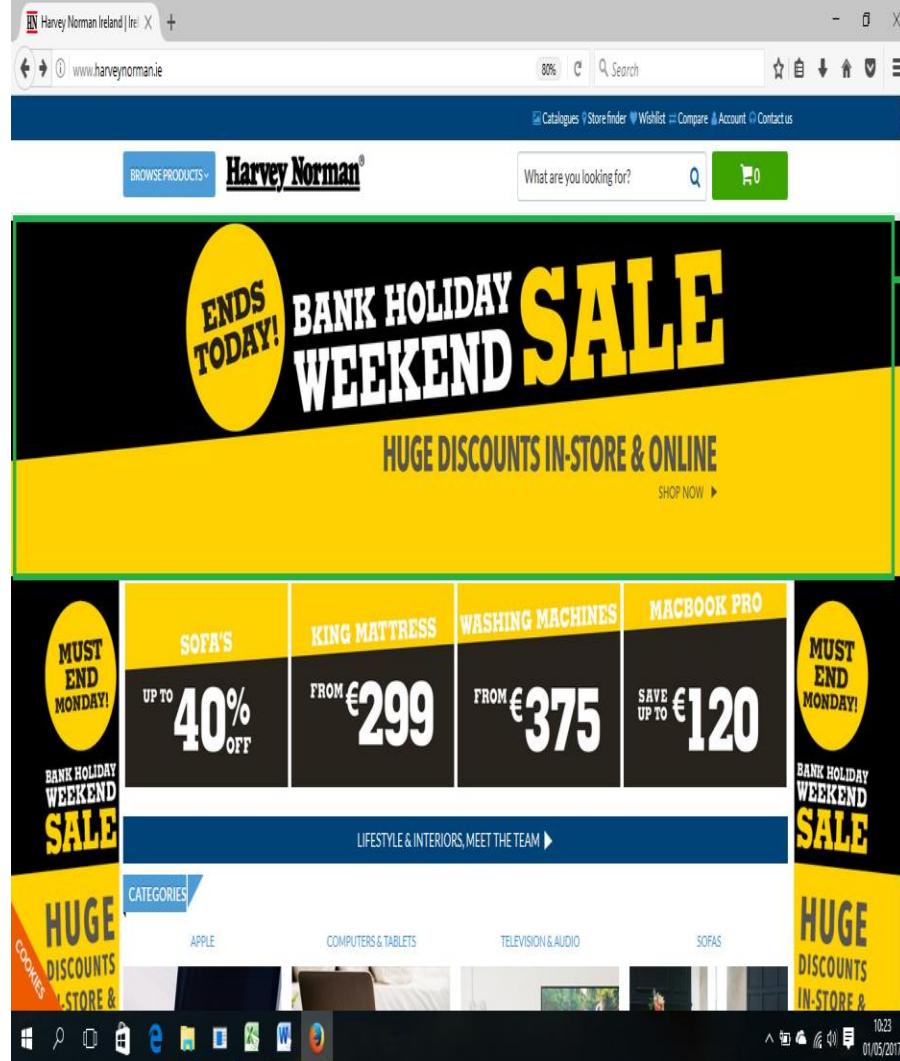
Questions	Answer 1	Answers 2	Answers 3	Answers 4
what is your gender?	female	male	female	male
how old are you	25	45	33	36
On a typical day, about how many hours do you spend on your device?	*2-3	0-1	*4-5	*2-3
Which of the following electronic devices do you use? (Please select all that apply.)	android phone	android phone	tablet	laptop/ android phone
What devices brands do you have at home?	apple	other - samsung	other - nexus	apple/ dell
How much would you pay for a tablet/Ipad?	300-400	100-200	400+	100-200
How much would pay for a phone?	300-400	200-300	400+	200-300
Do you prefer to make purchases online or in-person, assuming there is no difference in quality or price?	online	in person	online	online
How often do you buy devices of technology?	every year	when it breaks	every year	every year
How easy was it to find what you were looking for on our website?	very easy	not so easy	very easy	very easy

Analyses of the Survey:

- As you can see above women spend more time in a device of technology than men;
- 3 of 4 people spend most part of the time in an android phone;
- There are a variety of brands for phone devices those;
- Women would pay more for a tablet and a phone rather than men;
- Women and Men shop more online rather than in person;
- Women and Men found the website very easy to navigate on the website.

• Examine the features of similar websites.

The carrousel from Harvey Norman comparing from the The computer shop website:



The Carrousel should be looking like the carrousel on the Harvey Norman Website

The features & design from the Dell website comparing with the computer shop website:

The image shows two side-by-side web pages. On the left is the official Dell website for the Inspiron 15 5000 Series laptop. The main content area features a large image of the laptop with its screen open. A green box highlights the text "Your mobile media center" and "The forefront of touch technology". Below these sections is a smaller image showing a hand interacting with the touch screen. A green arrow points from this section to the right-hand website. The right-hand website is for ComputerShop, showing a desktop setup with a monitor, keyboard, and tower. It displays a product page for the "All in One XPS 2710" by DELL. The product image shows a similar all-in-one desktop setup. The ComputerShop page includes a price of €1000.00, a "Discount" button, and a "Post to the basket" button. A green box highlights the detailed product description on the ComputerShop page, which mirrors the features described on the Dell page.

Dell Inspiron 15 5000 Series Laptop Product Page Features:

- Dynamic display: Enjoy a vivid new view with the Inspiron 15's (Intel®) superior display for its class. The 15.6" screen allows plenty of room for personal viewing or sharing in brilliant HD, so presentation, pop, photos, videos and games come alive with sharp detail and clarity. Or choose the Full HD option and get even more detail with double the amount of pixels and 35% more brightness than HD.
- Studio-quality sound: Whether you're mixing, streaming or chatting, Waves MaxxAudio® delivers lower lows, higher highs and outstanding audio performance.

ComputerShop Product Description (Based on Dell Features):

Operating System: Windows 8 Pro. See the beauty in every detail. Give your movies, games and creative projects the big, beautiful canvas they deserve with a 27" Wide Quad HD (WQHD) display featuring edge-to-edge glass. Even tap or touch screen.

Experience powerful simplicity. Get everything you need to work, play and stay connected in a slim, striking system that comes complete with a wireless keyboard and mouse.

Always have a front-row seat. Bring home the cinema with integrated Infinity Premium stereo speakers and optional entertainment features such as a Blu-ray Disc™ drive.

Multitask like you mean it. With 3rd Gen Intel® Core™ processors, the new Windows 8.1 OS and up to 16GB of DDR3 1600MHz memory, XPS™ One 27 is designed for fast and efficient multitasking.

The look: Visual. Work powerful. Run demanding designs on XPS One 27 during the workday. Enjoy 3D games after hours. An optional NVIDIA® high-performance graphics card makes it possible.

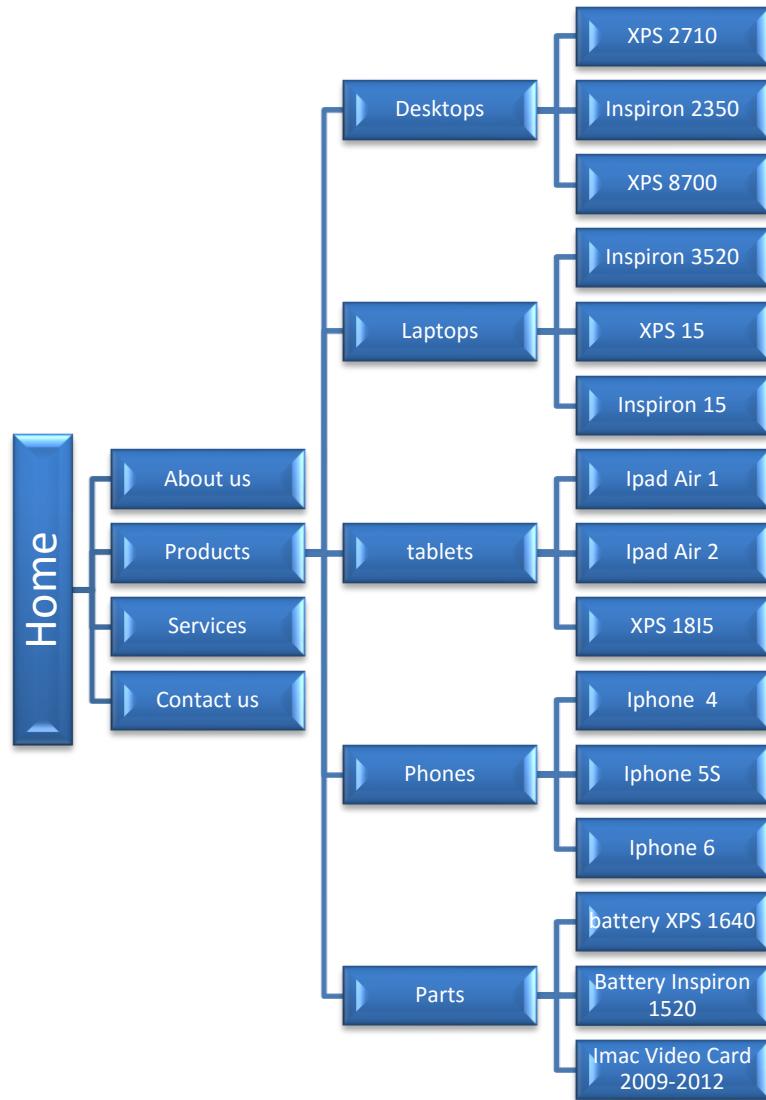
Save all the work that matters. Save your biggest creative projects with multiple storage options and enjoy fast boot-ups, program load times and access to your frequently used files thanks to the option of solid-state drives (SSDs) with Intel® Smart Response Technology.

the product description was based on
the Dell features & design

Design (20%)

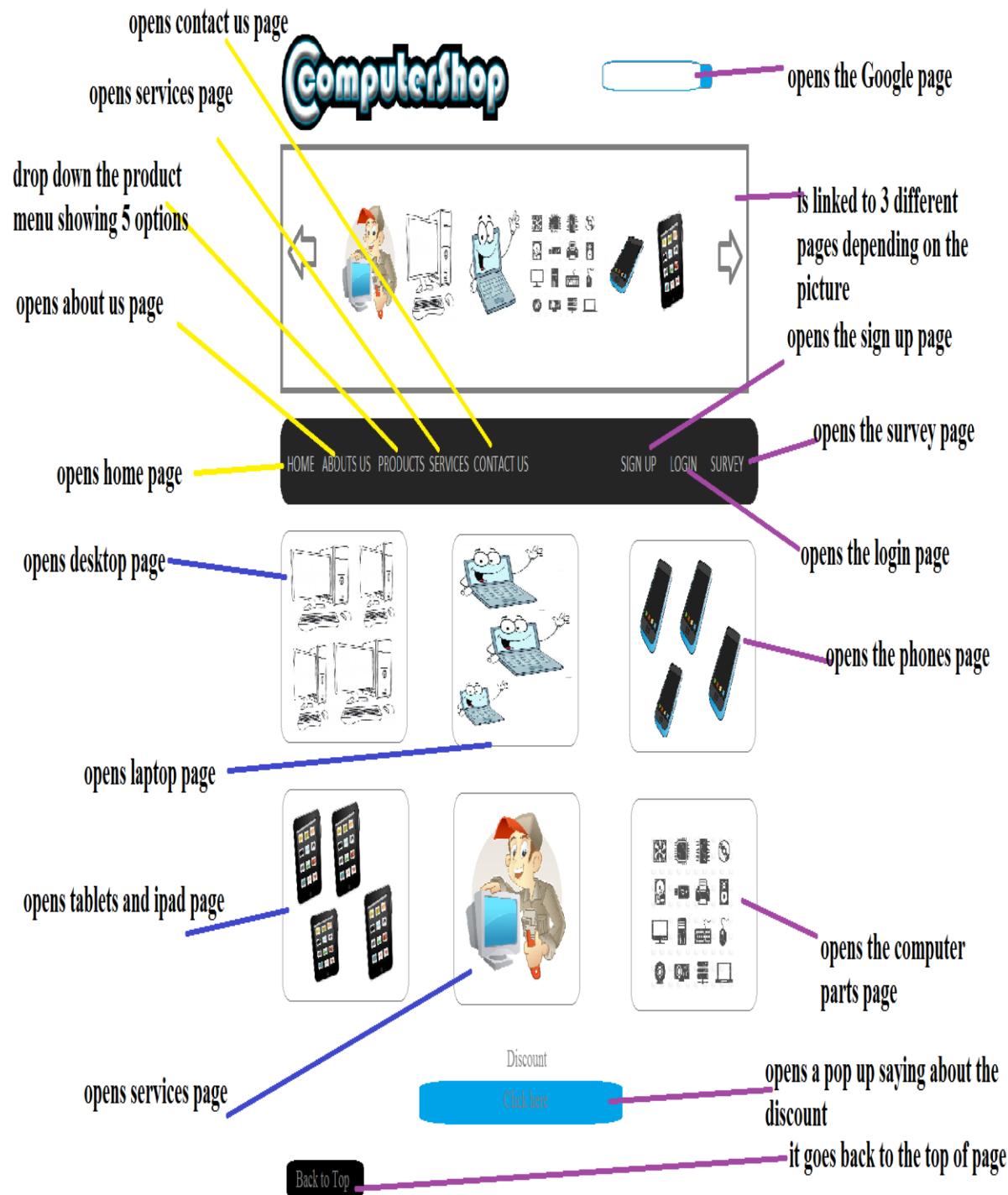
Site structure and organisation

Organisation:



Page layout

Home:



About us:

bla bla bla bla bla bla
bla bla bla bla bla bla

ComputerShop



on click opens:
www.zianinternational.com

[Back to Top](#)

Products: Desktop:

HOME ABOUTS US PRODUCTS SERVICES CONTACT US

SIGN UP LOGIN SURVEY



- bla bla bla

bla bla bla bla
bla bla bla bla
bla bla bla bla

€ 000.00

BUY

[more details](#)



- bla bla bla

bla bla bla bla
bla bla bla bla
bla bla bla bla

€ 000.00

BUY

[more details](#)



- bla bla bla

bla bla bla bla
bla bla bla bla
bla bla bla bla

€ 000.00

BUY

[more details](#)

Product Name

important description of product

opens the specific product page

opens the manufacturing page
with the product information

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Products: Laptops:

The screenshot shows a website for "ComputerShop". At the top, there's a navigation bar with icons for a person, computer, and various software applications, along with left and right arrows. Below the navigation bar is a menu with links: HOME, ABOUTS US, PRODUCTS, SERVICES, CONTACT US, SIGN UP, LOGIN, and SURVEY. The main content area displays three laptop products in a grid. Each product card includes a cartoon laptop character, a brief description starting with "- bla bla bla", a price of "€ 000.00", a green "BUY" button, and a "more details" link. The third product card has its "more details" link highlighted with a purple circle and a callout pointing to it.

Product Name

important description of product

opens the specific product page

opens the manufacturing page with the product information

Products: Ipad & Tablets:

The screenshot shows a website for "ComputerShop" featuring a grid of iPad and tablet products. The layout is identical to the laptop section, with three devices shown in a row. Each card features a cartoon tablet character, a brief description, a price of "€ 000.00", a green "BUY" button, and a "more details" link. The third product card's "more details" link is circled in purple with a callout pointing to it.

Product Name

important description of product

opens the specific product page

opens the manufacturing page with the product information

Products: Phones

The screenshot shows a top navigation bar with the logo 'Computershop' on the left, a search bar in the center, and user options like 'HOME', 'ABOUTS US', 'PRODUCTS', 'SERVICES', 'CONTACT US', 'SIGN UP', 'LOGIN', and 'SURVEY'. Below the navigation is a product grid featuring three smartphones. Each phone has a grey background with a blue border. The first two phones have a single line of text below them, while the third has a multi-line text box highlighted with a purple oval. Below each phone is a green 'BUY' button and a blue 'more details' button. A purple arrow points from the text 'Product Name' to the first phone's text area. Another purple arrow points from the text 'important description of product' to the third phone's highlighted text area. A third purple arrow points from the text 'opens the specific product page' to the third phone's 'BUY' button. A fourth purple arrow points from the text 'opens the manufacturing page with the product information' to the third phone's 'more details' button.

Product Name

important description of product

opens the specific product page

opens the manufacturing page with the product information

Products: Parts

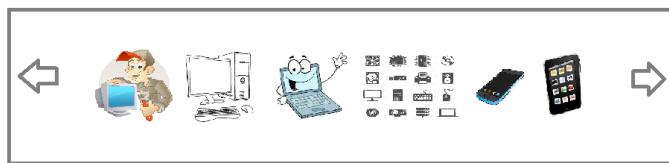
The screenshot shows the ComputerShop website's homepage. At the top left is the logo 'ComputerShop'. Below it is a horizontal bar featuring icons for a person at a computer, a monitor, a laptop, a smartphone, and a tablet, with arrows on either side. The main content area has a dark header with 'HOME' and 'ABOUTS US' on the left, and 'SIGN UP', 'LOGIN', and 'SURVEY' on the right. Below the header is a grid of three products:

- Product 1:** Image of a hard drive, description 'bla bla bla', price '€ 000.00', 'BUY' button, and 'more details' link.
- Product 2:** Image of a CD/DVD, description 'bla bla bla', price '€ 000.00', 'BUY' button, and 'more details' link.
- Product 3:** Image of a RAM chip, description 'bla bla bla' (with one line circled in purple), price '€ 000.00', 'BUY' button, and 'more details' link.

Purple annotations highlight specific elements:

- A purple arrow points from the text 'Product Name' to the product name 'bla bla bla' of Product 3.
- A purple circle highlights the circled text 'bla bla bla bla bla bla bla bla' in the description of Product 3, with a purple arrow pointing to the annotation 'important description of product'.
- A purple arrow points from the annotation 'opens the specific product page' to the 'BUY' button of Product 3.
- A purple arrow points from the annotation 'opens the manufacturing page with the product information' to the 'more details' link of Product 3.

Services



[HOME](#) [ABOUTS US](#) [PRODUCTS](#) [SERVICES](#) [CONTACT US](#)

[SIGN UP](#) [LOGIN](#) [SURVEY](#)

Replacement of Screen

Reload and Backup

Replacement of keyboard

Replacement of harddrive

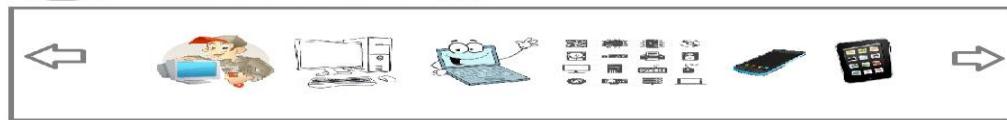
DS Jack Replacement

Virus Removal

opens contact us page

[Back to Top](#)

Contactus:



[HOME](#) [ABOUTS US](#) [PRODUCTS](#) [SERVICES](#) [CONTACT US](#)

[SIGN UP](#) [LOGIN](#) [SURVEY](#)



Address:

**The Computer Shop
Unit 1, Limekiln Lane
Walkinstown, Dublin 12**

Email:

zianinternational@oceanfree.com

Name:

Email:

Message:

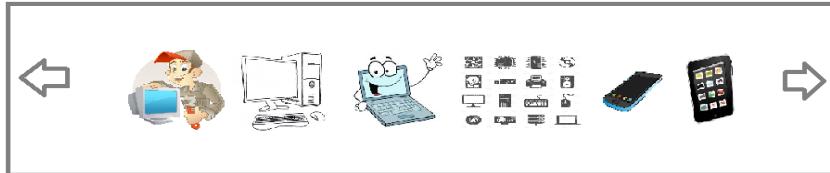
Browse

SUBMIT

[Back to Top](#)

is linked to the thank you for submitting your information page

Sign up:



HOME ABOUTS US PRODUCTS SERVICES CONTACT US

SIGN UP LOGIN SURVEY

Email:

Password:

Repeat Password

Remember me
By creating an account you agree to our [Terms & Privacy](#)

Cancel

Sign Up

runs the javascript on the background if field is not filled red box will appear.

[Back to Top](#)

Login:



HOME ABOUTS US PRODUCTS SERVICES CONTACT US

SIGN UP LOGIN SURVEY



Email:

Password:

Repeat Password

Remember me

[Login](#)

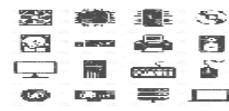
Cancel

[Forgot Password?](#)

runs the javascript on the background if field is not filled red box will appear.

[Back to Top](#)

Survey:



[HOME](#) [ABOUTS US](#) [PRODUCTS](#) [SERVICES](#) [CONTACT US](#)

[SIGN UP](#) [LOGIN](#) [SURVEY](#)

if connect to the internet you can answer
the survey and get 15% discount

powered by survey monkey

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Product Page:

The screenshot shows a product page for a laptop. At the top, there's a navigation bar with icons for computer parts like monitors, keyboards, and mice. Below the navigation bar is a main content area featuring a cartoon laptop character with arms and legs, waving. To the right of the character is a product details section. This section includes fields for 'Product Name' (set to 'DELL'), 'Brand' (set to 'DELL'), 'PRICE' (set to '€000.00'), and 'CAPACITY' (with options for '300HD' and '500HD'). Below these are fields for 'QUANTITY' (with a dropdown menu showing '- 1 +') and 'Discount'. At the bottom of this section are two buttons: 'Add to the basket' and 'Add to Favorites'. A series of purple arrows points from the text labels on the right to specific elements on the page: 'choose the capacity of harddrive' points to the 'CAPACITY' dropdown; 'choose the quantity' points to the 'QUANTITY' dropdown; 'on click see a message about the discount' points to the 'Discount' button; 'link to address form' points to the 'Add to the basket' button; and 'link to address form' also points to the 'Add to Favorites' button.

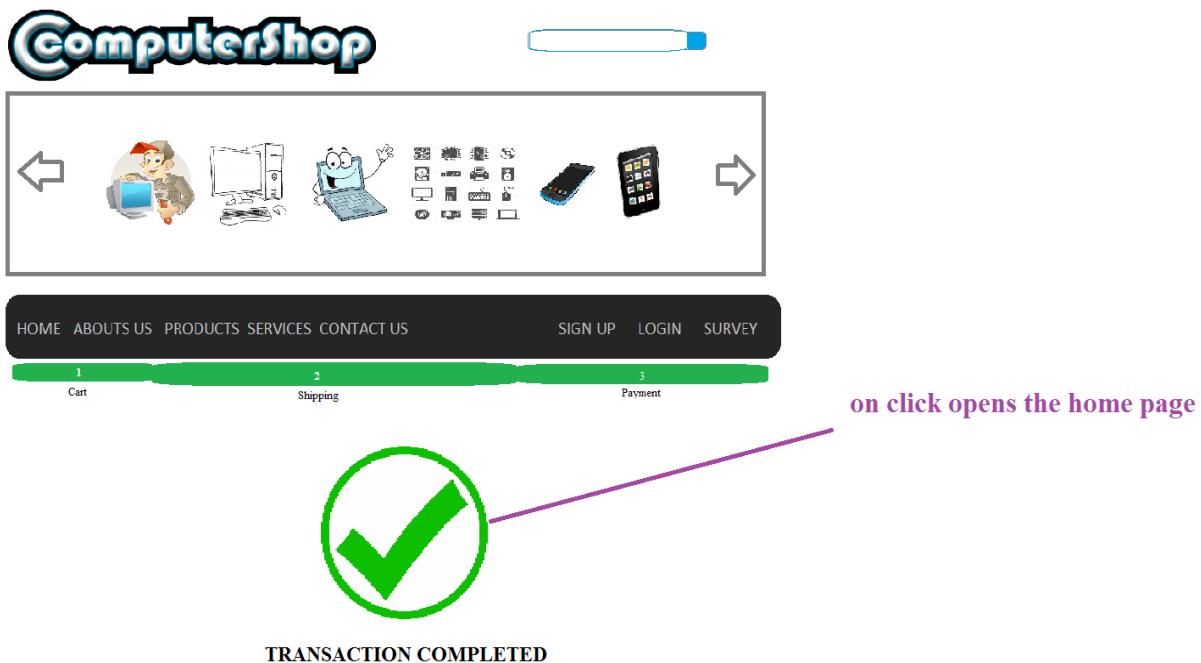
Address form:

The screenshot shows an address form divided into three stages: 'Cart', 'Shipping Information', and 'Payment'. The 'Shipping Information' stage is currently active. It contains fields for 'Name', 'Address', 'Address 1', 'City', 'Zip Code', and 'Phone'. There's also a checkbox for 'Is the Billing Information the same?' and a section for 'Billing Address' with fields for 'Name', 'Address', 'Address 1', 'City', 'Zip Code', and 'Phone'. A green 'Confirm' button is located at the bottom. A large green arrow points from the text 'once clicked filled up all the fields below with the same information' to the 'Billing Address' section. Another green arrow points from the text 'it is linked to payment form' to the 'Confirm' button. A purple arrow points from the text 'all the fields need to be filled if not doesn't go to the next stage that is the payment form' to the 'Payment' stage indicator.

Payment Form:

The screenshot shows a payment process on the ComputerShop website. At the top, there's a navigation bar with links: HOME, ABOUTS US, PRODUCTS, SERVICES, CONTACT US, SIGN UP, LOGIN, and SURVEY. Below the navigation is a progress bar with three steps: 1 Cart, 2 Shipping, and 3 Payment. Step 3 is highlighted with a red dot. The main area is titled "Confirm Purchase". It contains fields for "Owner" (with a placeholder "Name") and "CVV" (with a placeholder "CVV"). Below these is a field for "Card Number". Under "Expiration Date:", there are dropdown menus for "January" and "2016", and icons for VISA, MasterCard, and AMEX. A large blue "Confirm" button is at the bottom. Three purple arrows point from the right side of the page to specific elements: one points to the "CVV" field with the note "it needs to be filled if not does not go to the next page"; another points to the card number field with the note "it runs a javascript and jquery on the background, checking if the card is valid or not"; and a third points to the "Confirm" button with the note "if all the details above is correct opens the thank you purchase page".

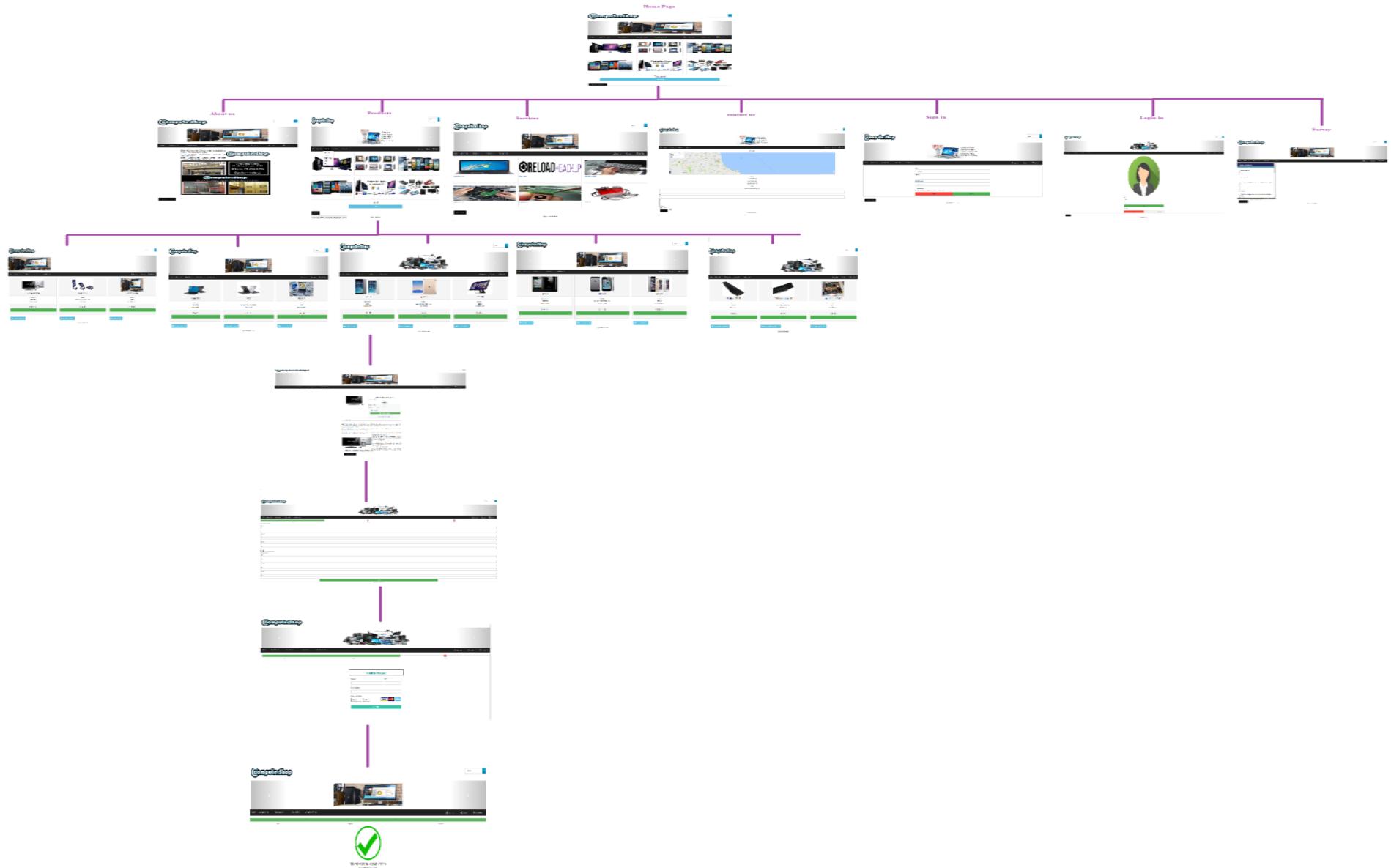
Thank you for the purchase:



- **Navigator:**

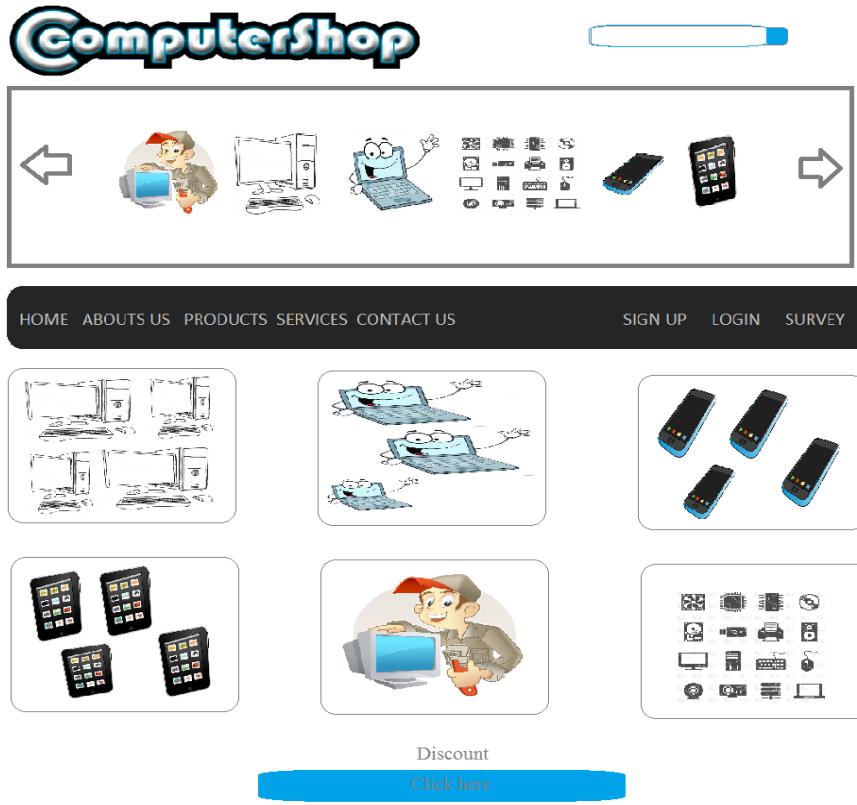
HOME ABOUTS US PRODUCTS SERVICES CONTACT US

SIGN UP LOGIN SURVEY



Storyboard:

StoryBoard Home:



The storyboard home page for ComputerShop features a large logo at the top left. Below the logo is a horizontal navigation bar with icons for a computer tower, monitor, laptop, smartphone, and tablet. A blue horizontal bar with arrows is positioned above a main content area. The content area contains several product categories: desktops, laptops, tablets, smartphones, and a service category featuring a cartoon character. At the bottom, there's a promotional banner for a discount.

ComputerShop

HOME ABOUT US PRODUCTS SERVICES CONTACT US SIGN UP LOGIN SURVEY

Discount
Click here

Actual Website Home:



The actual website home page for ComputerShop has a similar layout to the storyboard version. It includes a logo, a horizontal navigation bar with various links, and a main content area with product categories. The website uses a more professional design with real images of products like desktops, laptops, and tablets. A promotional banner for computer repair services is also present.

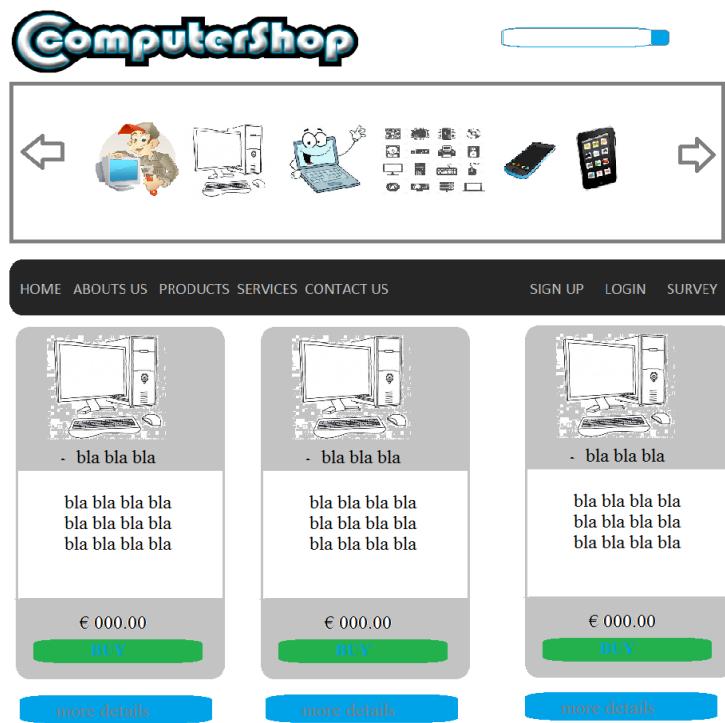
ComputerShop

HOME ABOUT US PRODUCTS SERVICES CONTACT US Sign Up Login SURVEY

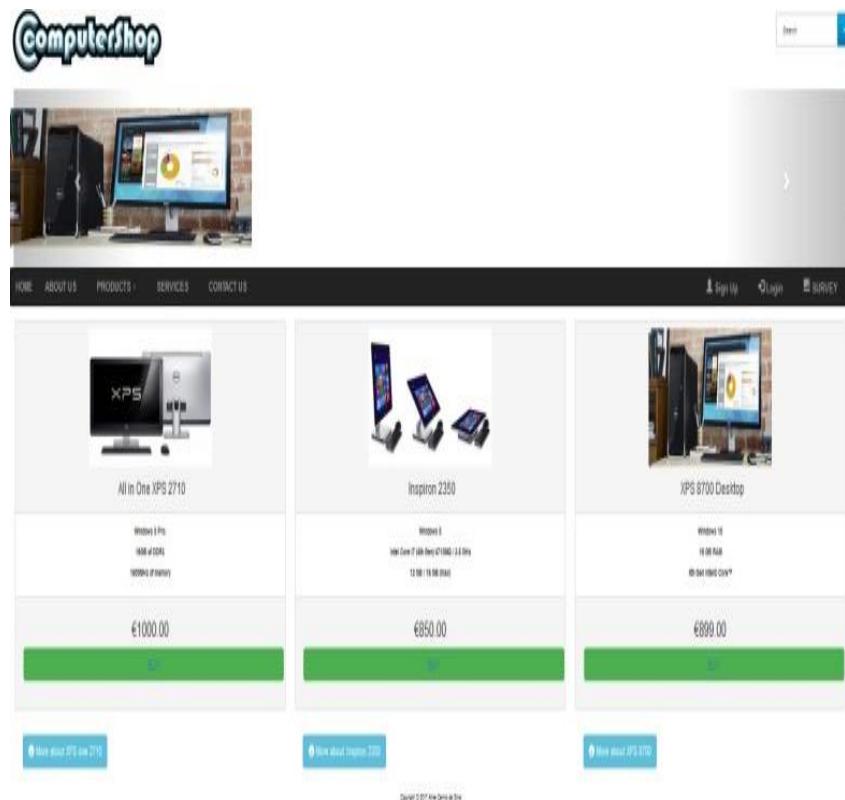
Computer Repair
any brand, any problem

Discount
Click here

Storyboard: Desktop



Actual Website: Desktop



Storyboard: Laptop

The storyboard shows a navigation bar at the top with a search icon, followed by a hero section featuring a cartoon character of a smiling laptop. Below this are three product cards, each containing a cartoon laptop, a short description, a price of € 000.00, a green 'BUY' button, and a blue 'more details' button.

ComputerShop

HOME ABOUT US PRODUCTS SERVICES CONTACT US SIGN UP LOGIN SURVEY

- bla bla bla
bla bla bla bla bla bla bla bla bla

€ 000.00 BUY more details

- bla bla bla
bla bla bla bla bla bla bla bla bla

€ 000.00 BUY more details

- bla bla bla
bla bla bla bla bla bla bla bla bla

€ 000.00 BUY more details

Actual Website: Laptop

The actual website screenshot shows a navigation bar with a search icon, followed by a hero image of a computer setup. Below this is a grid of three laptop products: Inspiron 3520, XPS 15, and Inspiron 15. Each product card includes an image, a title, a brief description, a price, a green 'BUY' button, and a blue 'More about' button.

ComputerShop

HOME ABOUT US PRODUCTS SERVICES CONTACT US Sign Up Login SURVEY

Inspiron 3520

Windows 8 Pro
16GB RAM
1600MHz of memory

€350.00 BUY More about Inspiron 3520

XPS 15

Windows 8
Intel Core i7 (4th Gen 4710HQ) 2.6 GHz
12 GB / 16 GB (max)

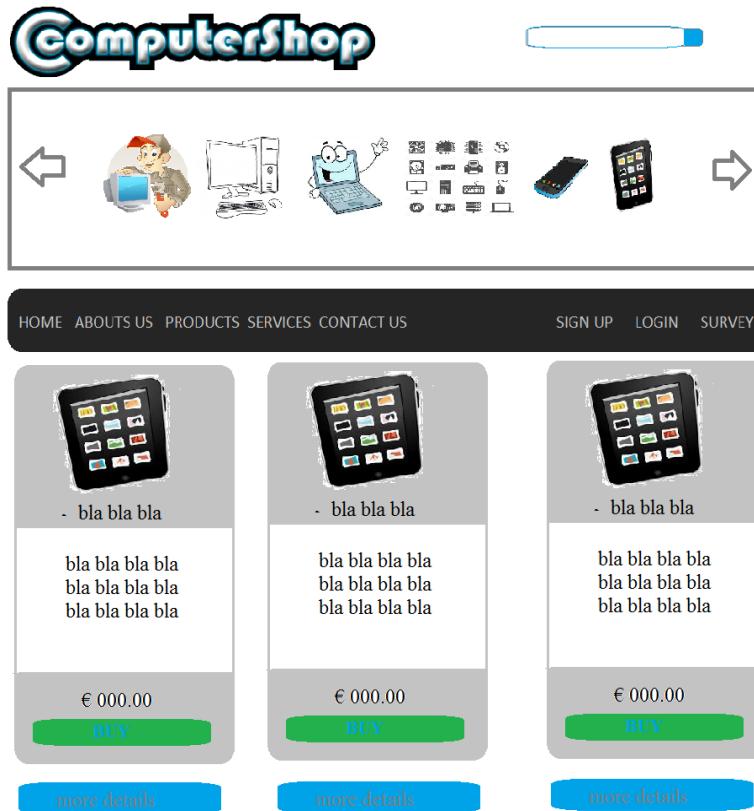
€900.00 BUY More about Inspiron 15

Inspiron 15

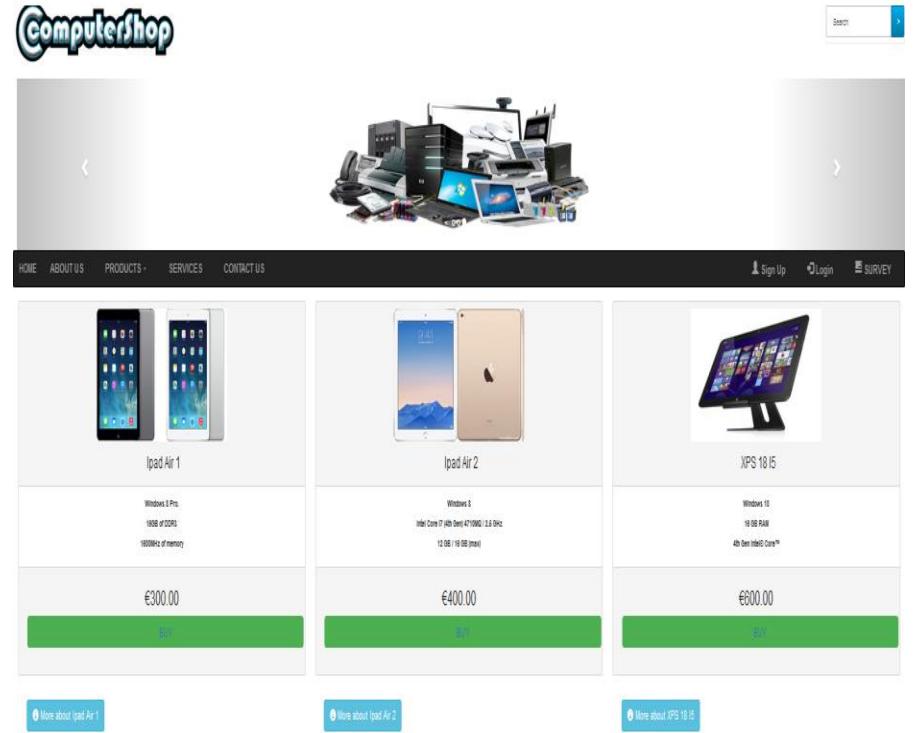
Windows 8
16 GB RAM
4th Gen Intel® Core™

€450.00 BUY More about Inspiron 17

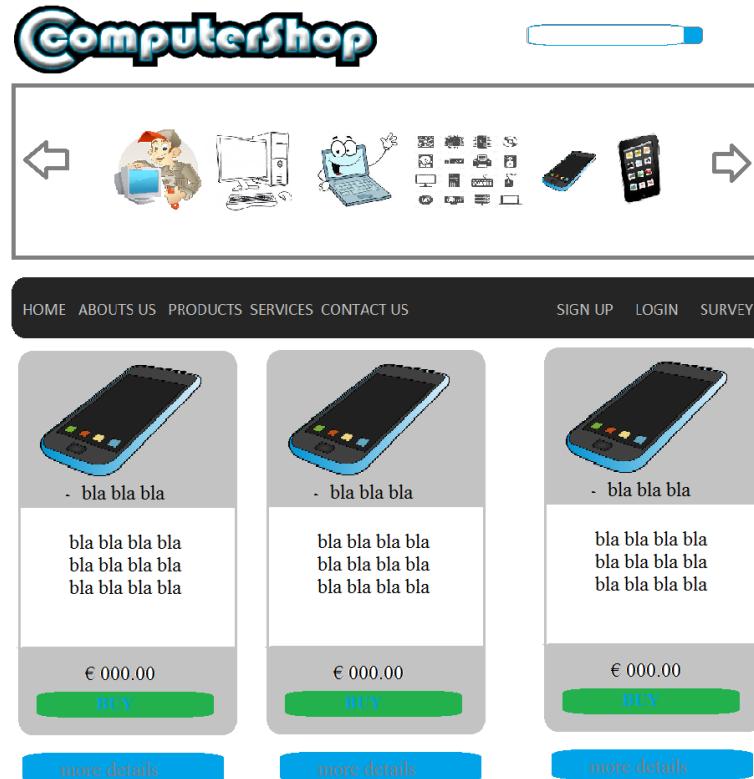
Storyboard: Ipads & Tablets



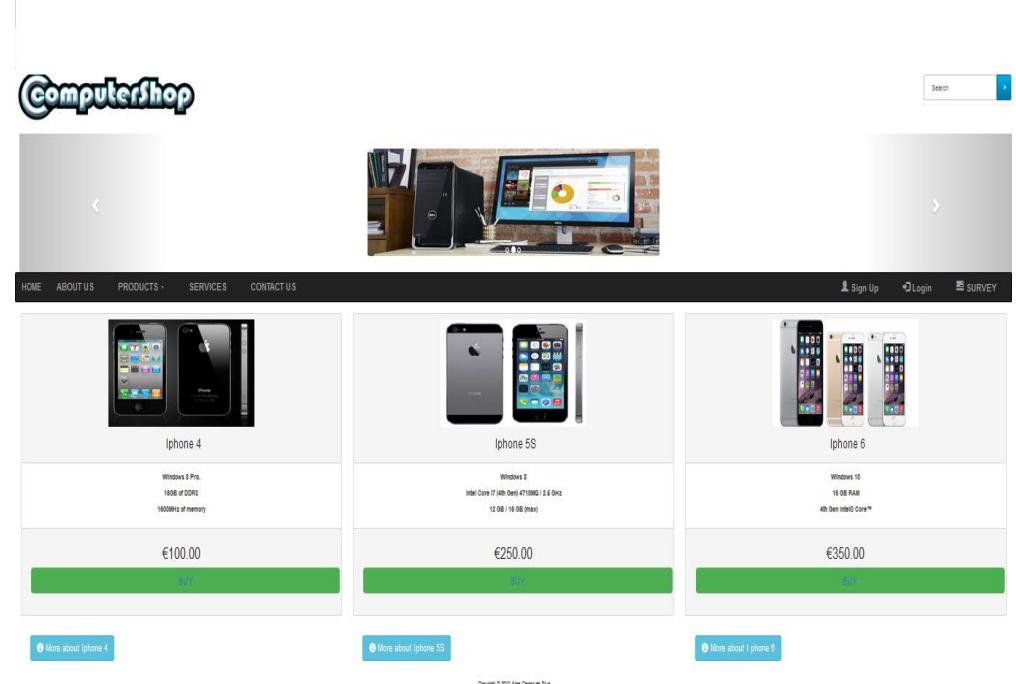
Actual Website: Ipads & Tablets



Storyboard: Phones



Actual Website: Phones



Storyboard: Parts

Actual Website: Parts

Storboard: Services

The interface features a large logo at the top left. Below it is a horizontal bar containing icons of a person, a computer monitor, a laptop, a smartphone, and a tablet. A blue navigation bar at the bottom has links for HOME, ABOUTS US, PRODUCTS, SERVICES, CONTACT US, SIGN UP, LOGIN, and SURVEY.

Replacement of Screen	Reload and Backup	Replacement of keyboard
Replacement of harddrive	DS Jack Replacement	Virus Removal

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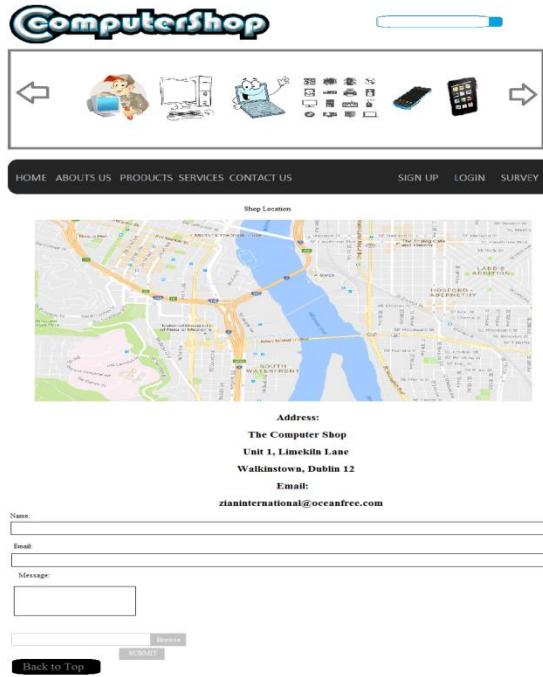
Actual Website: Services

The website has a header with a search bar and navigation links for HOME, ABOUT US, PRODUCTS, SERVICES, CONTACT US, SIGN UP, LOGIN, and SURVEY. The main content area displays six service categories with corresponding images:

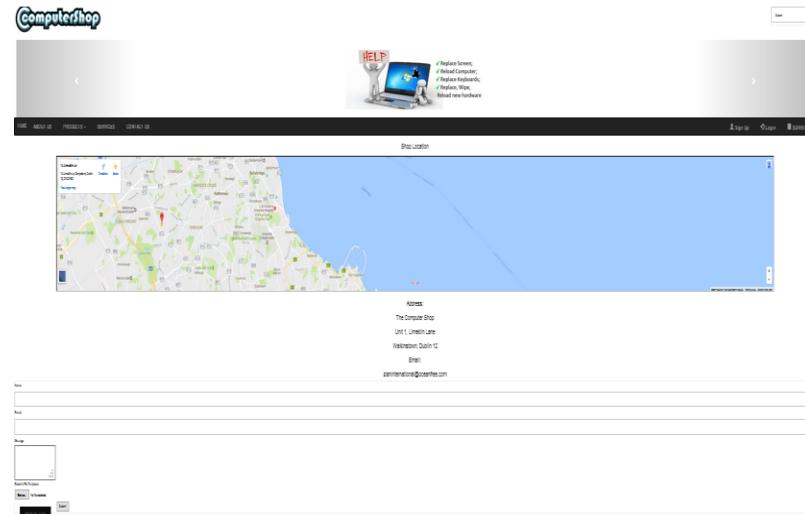
- Replacement of Screen (laptop screen)
- Reload + Backup (laptop screen)
- Replacement of keyboard (hand on keyboard)
- Replacement of harddrive (hands working on internal components)
- DS Jack Replacement (close-up of a component)
- Virus Removal (laptop with viruses)

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Storyboard: Contact us



Actual Website: Contact us



Storyboard Sing up

ComputerShop

SIGN UP LOGIN SURVEY

Email:

Password:

Repeat Password:

Remember me
By creating an account you agree to our [Terms & Privacy](#)

Cancel **Sign Up**

[Back to Top](#)

Actual Website: Sign up

ComputerShop

SIGN UP Login SURVEY

Email:

Password:

Repeat Password:

Remember me
By creating an account you agree to our [Terms & Privacy](#)

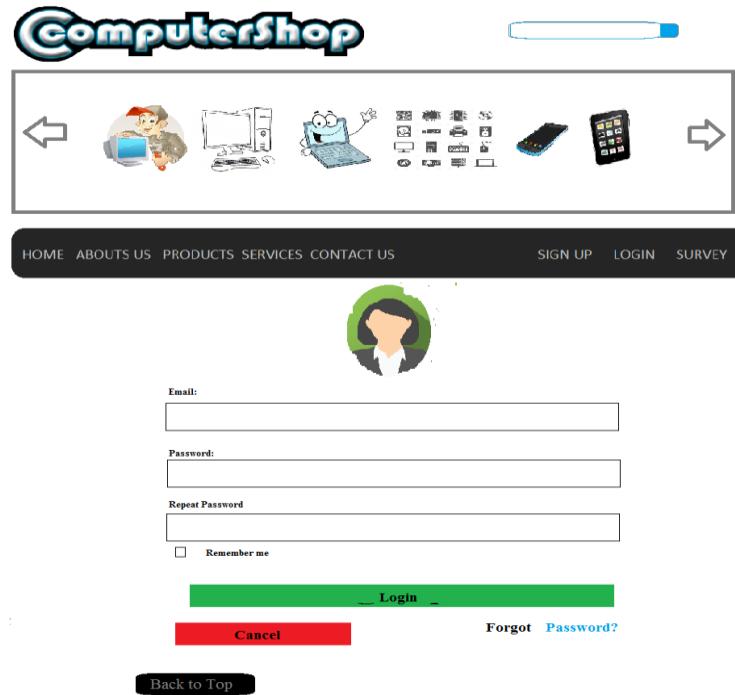
Cancel **Sign Up**

HELP

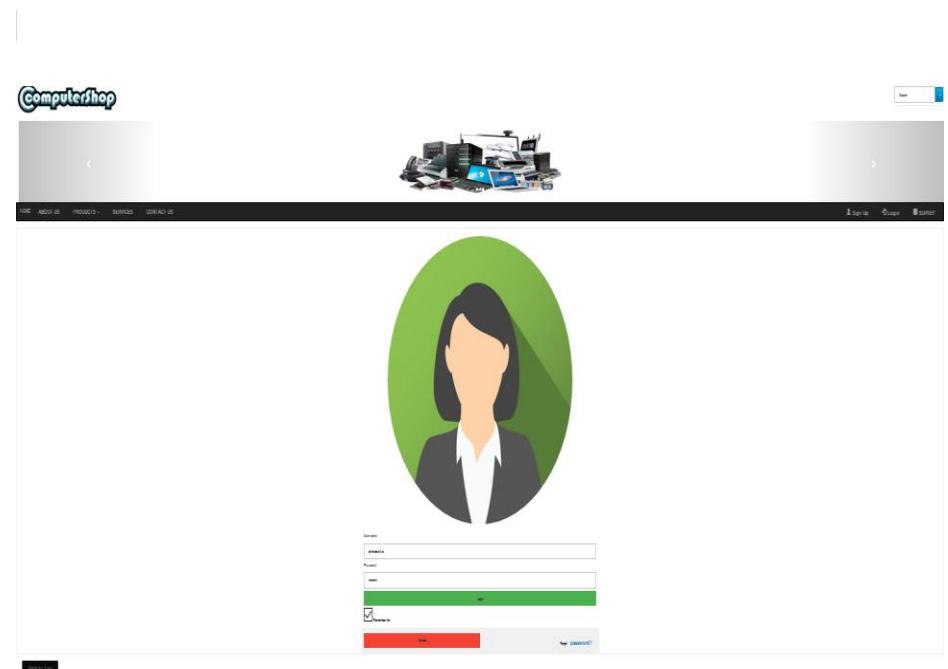
✓ Replace Screen;
✓ Reload Computer;
✓ Replace Keyboards;
✓ Replace, Wipe,
Reload new hardware

[Back to Top](#)

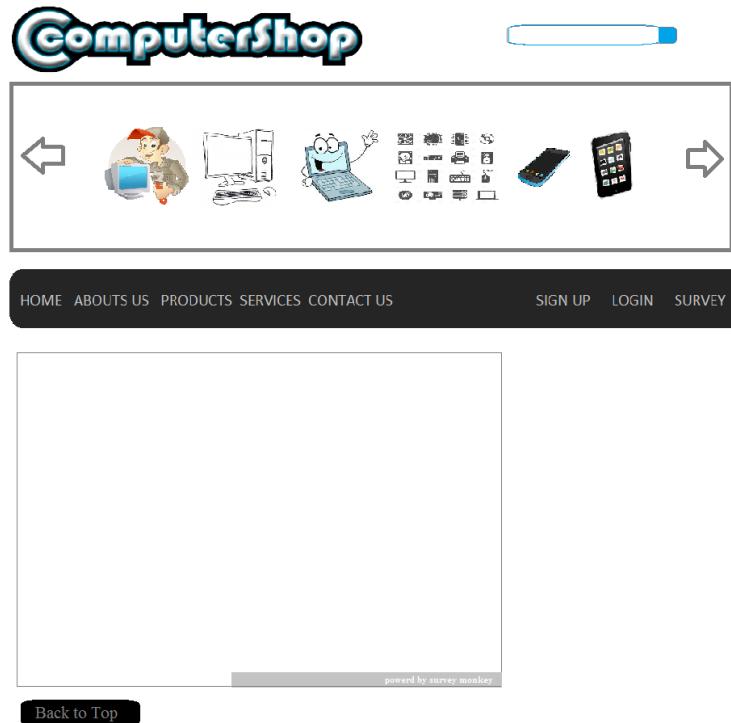
Storyboard: Login



Actual Website: Login



Storyboard: Survey



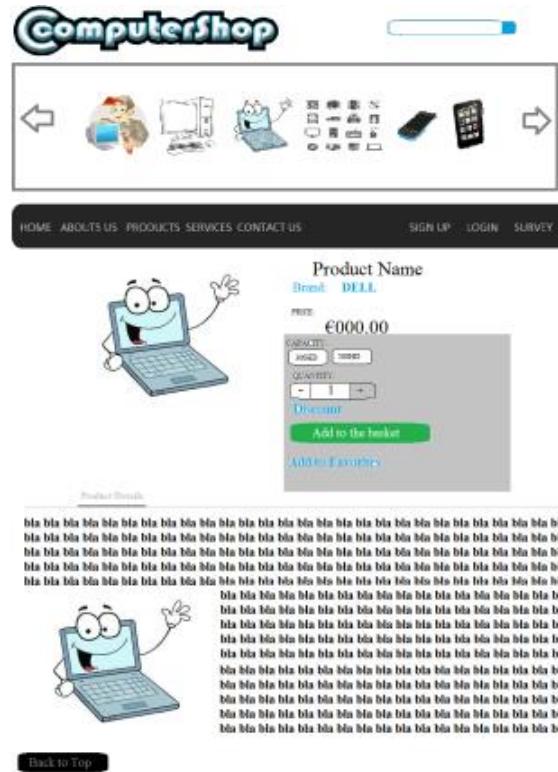
Actual Website: Survey

The screenshot of the actual website shows the 'ComputerShop' logo at the top. On the right side of the header is a search bar with a magnifying glass icon and a dropdown arrow. Below the header is a photograph of a computer setup with a monitor displaying a dashboard or chart, a tower, and a keyboard. The main content area displays a survey titled 'Purchase of New Technology'. The survey consists of four questions:

1. What is your gender?
 male
 female
2. How old are you?
3. On a typical day, about how many hours do you spend on your device?
 0-1
 2-3
 4-6
 More than 7
4. Which of the following electronic devices do you use? (Please select all that apply)
 Computer
 Smart phone
 Laptop
 Tablet
 MP3 player

At the bottom of the survey, it says 'powered by SurveyMonkey' and has a 'Back to Top' button. The footer contains copyright information: 'Copyright © 2017 New Computer Site'.

Storyboard: product



Actual Website: product



Storyboard: address form

The storyboard shows a top navigation bar with the 'Computershop' logo, a search bar, and categories like HOME, ABOUTS US, PRODUCTS, SERVICES, CONTACT US, SIGN UP, LOGIN, and SURVEY. Below this is a horizontal menu with icons for a person at a computer, a monitor, a laptop, a smartphone, and a tablet. A green progress bar at the bottom indicates three steps: 1. Cart (Shipping Information), 2. Shipping, and 3. Payment.

Shipping Information

Name:

Address:

Address 1:

City:

Zip Code:

Phone:

Is the Billing Information the same?

Billing Address:

Name:

Address:

Address 1:

City:

Zip Code:

Phone:

Confirm

Back to Top

Actual Website: address form

The actual website screenshot shows a similar layout to the storyboard. It features a top navigation bar with the 'Computershop' logo, a search bar, and links for HOME, ABOUT US, PRODUCTS, SERVICES, CONTACT US, SIGN UP, LOGIN, and SURVEY. A decorative image of various computer hardware is centered above the main form area. A green progress bar at the bottom indicates three steps: 1. Shipping Information, 2. Shipping, and 3. Payment.

Shipping Information

Name:

Mrs.

Mrs.

Mrs.

Sr.

Dp.

Tan.

Fax.

Is the Billing Information the same?

Billing Address:

Name:

Address:

Address 1:

City:

Zip Code:

Phone:

Confirm

Sign Up | Log In | Search

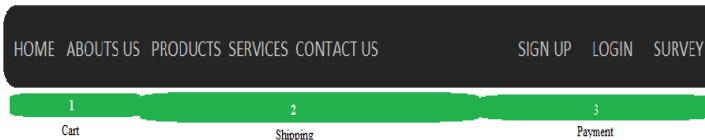
Storyboard: payment form

The storyboard shows a payment form for ComputerShop. At the top, there's a navigation bar with icons for a person at a computer, a monitor, a laptop, a smartphone, and a tablet. Below the navigation bar is a menu with links: HOME, ABOUT US, PRODUCTS, SERVICES, CONTACT US, SIGN UP, LOGIN, and SURVEY. A progress bar at the bottom indicates three steps: Cart (step 1), Shipping (step 2, highlighted in green), and Payment (step 3). The main section is titled "Confirm Purchase". It contains fields for "Owner" (text input), "CVV" (text input), "Card Number" (text input), and "Expiration Date" (dropdown menus for month and year, followed by logos for VISA, MasterCard, and AMEX). A large blue "Confirm" button is at the bottom.

Actual Website: payment form

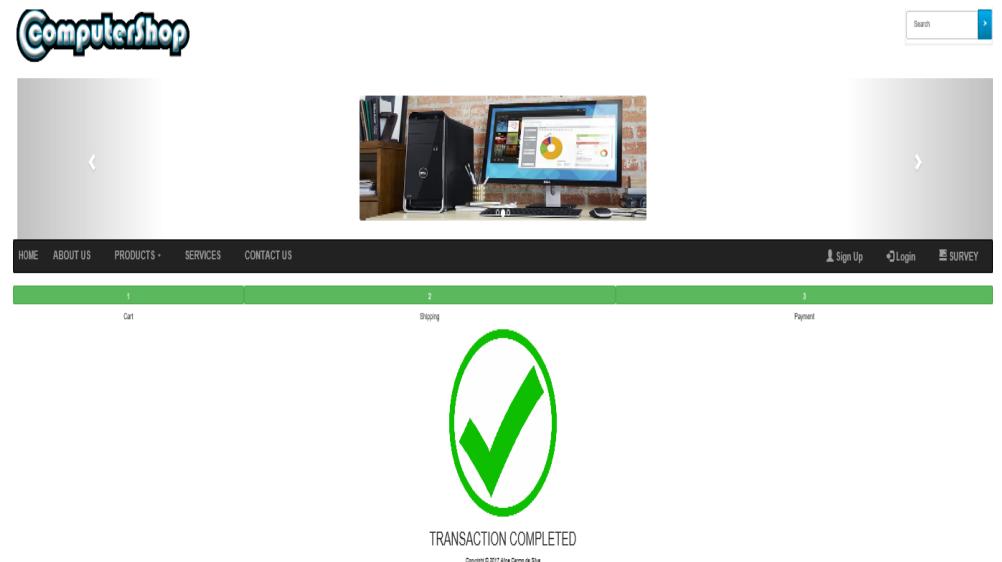
The actual website screenshot shows a payment form for ComputerShop. The header features the ComputerShop logo and a collage of various computer hardware components. The navigation bar includes links for HOME, ABOUT US, PRODUCTS, SERVICES, CONTACT US, SIGN UP, LOGIN, and SURVEY. A progress bar at the top shows steps 1 and 2 completed. The main form area is titled "Confirm Purchase" and includes fields for "Owner" (text input), "CVV" (text input), "Card Number" (text input), and "Expiration Date" (dropdown menus for month and year, followed by logos for VISA, MasterCard, and AMEX). A teal "Confirm" button is at the bottom.

Storyboard: thank you purchase



TRANSACTION COMPLETED

Actual Website: thank you purchase



. Site Testing (errors, browser issues, cross platform).

number	where	part of website	Description	Expected output	Actual Output	how to fix it	Result
1	fix in the entire website	Navigator and carrousel	when the carrousel was added the navigator	keep the same formating as before	changed totally the carrousel was formating the navigator	changed the navigator for the bootstrap navigator	pass
2	fix in the entire website	computer shop picture and search button	the logo and the search tab did not want to be in the same line	when the search tab was added it should be in the same line as the	the search button was underneath the logo	changed the class for .computershoppic	pass
3	fix in the entire website	search button	the small blue button was underneath the search button it should be side by side	the button should be beside the search tab	the search button was underneath the logo	changed the sizes for: margin, padding, float	pass
4	home page	gallery pictures on the home page	the pictures was not in the same size	the pictures on the front page should be the same size	pictures were very different in size	changed width for 100% and height: 200px	pass
5	product pages	buy button on the product page	the buy button was sending to address form	on click on the buy button go the address form	nothing	added a div and target the address form	pass
6	address form	confirm button	on click on the confirm button	once all the information was completed It should go to the payment form	nothing	added an action to go the payment form	pass
7	payment form	payment form	link the payment form with the thank you page	on click on the buy button go the payment form	nothing	added a line on the javascript code : else window.location.href = 'thankyoupurchase.html';	pass
8	payment, address, product page	payment, address, product page	on click on the confirm button	read all the source code from only one page	did not read any code	separated the source code per page and added the src in the end of the page	pass
9	product pages	product description	centralize the product description on the page	have the product page description on the center	product description and all the details was totally on the left	changed the padding and column details on the search tab column 5, 6 and 9 had a few changes on width, height: padding and margin.	pass

Usability testing (Accessibility, Navigation, Readability).

Testing	percentage
Accessibility Test	95%
all the pictures of the website have a alt tag	yes
Provide sufficient contrast between foreground and background	yes
Don't use color alone to convey information	yes
Ensure that interactive elements are easy to identify	yes
Provide clear and consistent navigation options	yes
Ensure that form elements include clearly associated labels	yes
Provide easily identifiable feedback	yes
Use headings and spacing to group related content	yes
Create designs for different viewport sizes	yes
Include image and media alternatives in your design	yes for image only
Provide controls for content that starts automatically	no
Navigation Test	90%
Navigation design pattern:	
Does the navigation design (tabs, megamenus, accordions, carousels, etc.) help users to find and discover what they need	yes
Mental models:	
Does the navigation match users' expectations of how the site should work?	yes
Meaning of icons and labels	
Are the symbols and terminology used easily understood or do they need translation?	yes
Information relevancy	
How relevant for the transaction is the information shown? Is there any visual clutter preventing users from focusing on what's important in the path they need to follow?	no
Cognitive strain:	
How much reading, remembering, and decision making is required along the path to achieve the users' goal?	too much reading in the product details
Menu visibility:	
Is the menu for key activities hidden? Does opening a menu require motor skill effort?	yes
Menu options:	
Are the menu options offering choices that guide users as quickly as possible to their expected destination? Are there too many or too few options? Are they readable?	yes it good as there is only one option in the menu to go to the category
Link redundancy:	
Are there too many options to get to a certain part of the website? Do they confuse users not knowing where to start?	yes, I linked the add to favorites to login page
Navigation steps:	
How many steps/pages do users have to go through to arrive at their final destination? Are there any steps preventing users to continue? Can they be eliminated?	to buy a product the user needs to click 8 times to the last page thank you for the purchase
Search function & filters:	
Should there be a search function on the site? Are users able to find what they are looking for using a search function? What filters would help users to find what they are looking for?	yes, there is a search button.
Readability	89%
Use plainspoken words,	yes
Use short sentences	yes, except for the product details
Mainly write in the active voice.	yes
highlighted keywords	yes
meaningful sub-headings	yes
bulleted lists	yes
one idea per paragraph	yes
the inverted pyramid style, starting with the conclusion	no
half the word count (or less) than conventional writing	yes

**Review website
after testing and
update the
prototype**

where	page	status	comments
Navigator	entire website	tested	links working
pictures on the category	categories and carrousel	tested	take to a page on the website
fields	login, signup, payment form, address form.	tested	show an error if not filled
survey	survey	tested not working	an error from Survey Monkey website
validations	payment form	tested	works on the internet if valid credit card is entered jquery works
tool tip tags	product pages	tested	works if the script is on the same page and in between the a tag
browsers	entire website	tested	works better in chrome as sometimes carrousel and navigator does not work properly on the internet explorer
javascript codes	payment form, address form, product details	tested	works checks the inputs and takes to the next page