

# ALBERTO WATCH COMPANY

**Supervisor:** NGUYỄN HẠ VY

**Semester:** 01

**Batch No:** T3.2308.A0

**Group No:** 01

<b>Order:</b>	<b>Full name</b>	<b>Roll No.</b>
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2.	TRƯỜNG GIA NGHI	Student1559443
3.	PHẠM HOÀNG MINH QUÂN	Student1559433
4.	HOÀNG MÃN ĐẠT	Student1559438

This is to certify that

**Ms. HOÀNG NGỌC THẢO VY**

**Ms. TRƯƠNG GIA NGHI**

**Mr. PHẠM HOÀNG MINH QUÂN**

**Mr. HOÀNG MÃN ĐẠT**

Have successfully Designed & Developed

**ALBERTO WATCH COMPANY**

Submitted by:

**Ms. VU THI THU HUONG**

Date Of Issue:

**29 – JULY - 2024**

Authorized Signature:

**Ms. HOANG NGOC THAO VY**

# Acknowledge

As we understand that the eProject is a step-by-step learning environment that closely simulates the classroom and Lab-based learning environment into actual implementation. It is a project implementation 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 that are more complicated and useful.

Mentoring through email support.

First of all, I would like to thank India Aptech for allowing my team to work on this fantastic eProject. We had a great experience with eProject this time.

Next, We would like to express my special thanks to our mentor, Ms. Ha Vy for the time and effort that she provided throughout the project. Your helpful advice and suggestions were beneficial to us during the completion of the project. In this respect, We are forever grateful to you.

Besides several mistakes we made in the project, we hope to have more opportunities to widen our knowledge in the web-developing world.

We will try to continue to learn and improve ourselves even more in the future.

Yours Sincerely, Team Group 01.

# 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 the assistance of the faculty if required.

The website (in this project) is a tool that brings everything in the world to you such as historic monuments information natural knowledge and skill in technology...

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 the requirements given.

And get back [eprojects@aptech.ac.in](mailto:eprojects@aptech.ac.in) as the assigned schedule.

# Problem Definition

- Alberto Watch Company is a full-service watch repair, appraisal, and retail store –
- offering the finest selection of luxury timepieces. Offering an unparalleled selection
- with first-class service.
- Alberto also carries a wide selection of brand new watches such as Michael Kors,
- Rolex, Citizen Eco-Drive, Bulova and more!
- You are supposed to create a Single-Page-Application and responsive Website for
- them with the below mentioned requirement specifications.
- The website should work well in all leading browsers including Chrome, IE, Firefox
- etc.
- 
- Functional Requirement Specification:
- The portal will be designed as a Single-Page-Application and responsive Website with
- a set of pages and menus that represent choice of activities to be performed. The
- pages, menus, and other visual elements must be designed in a visually appealing
- manner with attractive fonts, colors, and animations.
- 
- All of these should also be laid out in a responsive manner
- The Web site is to be created based on the following requirements.
  - 1) The Top of the Page should be presented with a suitable logo, and page should have decent colour combination.
  - 2) The site should display a menu which will contain the options as Products,

Technology, Store Locator, Support etc.

3) Various sections having information about different types of watches and

- clocks, Technology used in the watches etc. these sections should display
- products accordingly.
- 4) The information should be categorized in sections according to different
- Product Line-up e.g. “Vintage”, “Luxury”, “Smart Watches” etc.
- 

5) When a user selects any product line-up, complete list of watches for that

- product line-up will be displayed.

6) Details of the watches should be displayed on the popup window.

7) Price List for all watches should be available.

8) Gallery can be added for viewing different images.

9) Site map, Gallery, about us, Contact us link must be added.

10) About Us and Contact Us: This menu option should display Email id, address,

- and contact number of the organization.
- Over and above this, the portal should implement the following functionalities:

●

11) Display a continuous scrolling ticker at the bottom of the page with current date,

- time, and location (hint: Use geolocation features of HTML5).

12) Display a visitor count at the top right corner of the page beside a logo image.

- The menu options should change color on hover and also after clicking.
- Fade in and fade out options can be used for the menus.

## **Hardware/ Software Requirements**

- Hardware
  - Intel Core i3/i5 Processor or higher
  - 8 GB RAM or above
  - Color SVGA
  - 500 GB Hard Disk space
  - Mouse
  - Keyboard
- Software
- Technologies to be used:
  - Frontend: HTML5, CSS, Bootstrap, JavaScript, jQuery, React/AngularJS,
  - Figma, XML
  - Data Store: JSON files or TXT files
- Other Requirements:
  - Operating Portal: Windows
  - Browsers: Edge, Chrome, Mozilla Firefox, Safari

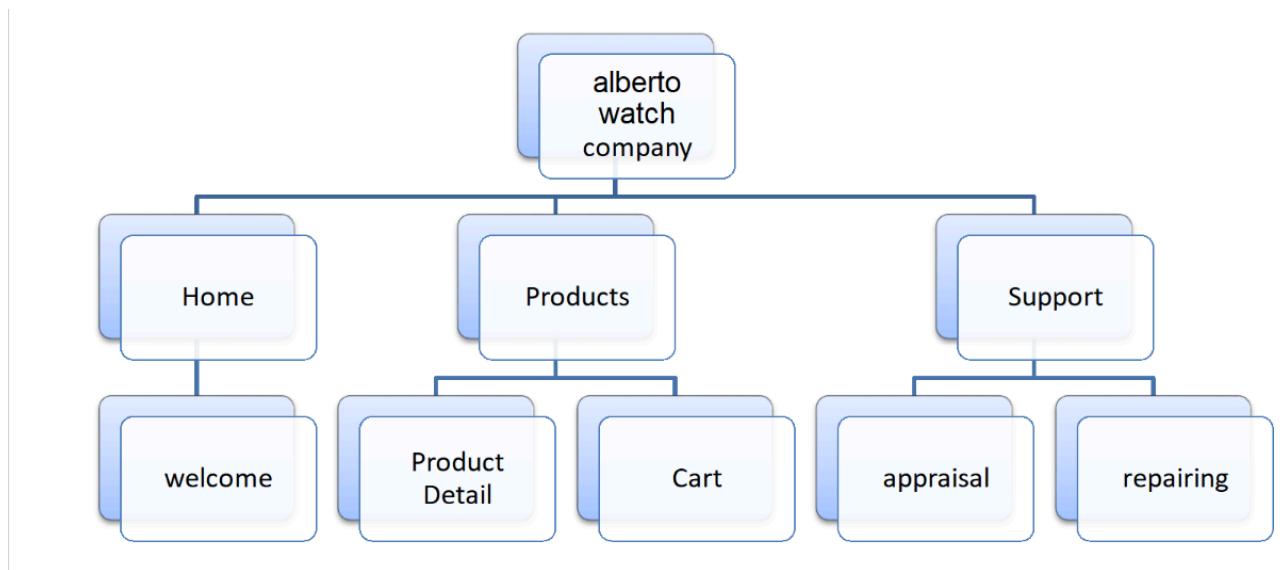
### **Project Deliverables**

You will design and build the project and submit it along with a complete project report that includes:

- Problem Definition
- Design specifications
- Diagrams such as flowcharts for various activities, Data Flow Diagrams etc.
- Source Code
- Test Data Used in the Project
- Project Installation Instructions (if any)

Documentation is considered as a very important part of the project. Ensure that documentation is complete and comprehensive. The consolidated project will be submitted as a zip file with a ReadMe.doc file listing assumptions (if any) made. Submit a video clip demonstrating the working of the Website. Optionally, a live hosted URL can be supplied for the site. Over and above the given specifications, you can apply your creativity and logic to improve the portal.

# Architecture and design of the project



## I. Home Page

The main page is used to introduce professional products, welcome customers to refer to the products, and introduce the brands the company owns.

1 2 3 4 5

[Home](#) [Products](#) [Sell Watch](#) [Cart](#) [Login](#)

## Welcome to Alberto Watch Company

Discover the finest selection of luxury timepieces.

[Shop Now](#)

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### Our Story

#### Inspirational Watch of this year

The latest and modern watches of this year, is available in various presentations in this store, discover them now.

[Discover](#)



7 8 9 10

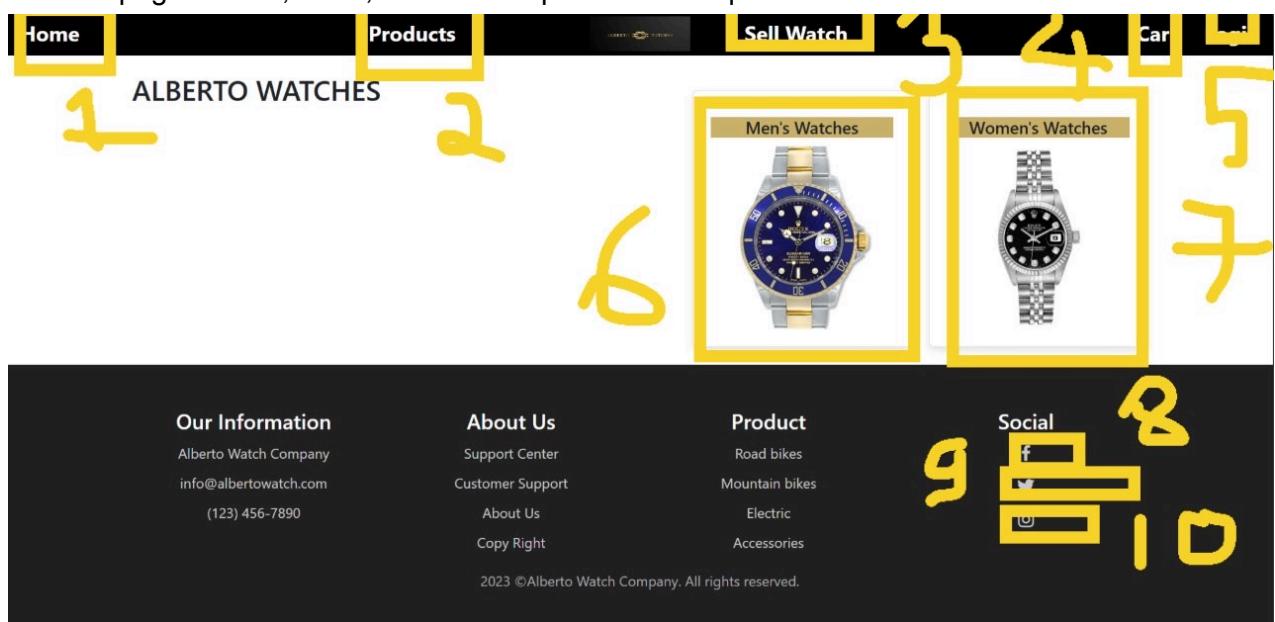
<b>Our Information</b>	<b>About Us</b>	<b>Product</b>	<b>Social</b>
Alberto Watch Company info@albertowatch.com (123) 456-7890	Support Center Customer Support About Us Copy Right	Road bikes Mountain bikes Electric Accessories	<a href="#">Facebook</a> <a href="#">Twitter</a> <a href="#">Instagram</a>
2023 ©Alberto Watch Company. All rights reserved.			

No	Type	Validation	Action
1	Click		Navigation to Home page
2	Click		Navigation to Product page

3	Click		Navigation to Sell Watch page
4	Click		Navigation to Cart page
5	Click		Navigation to Login page
6	Click		Navigation to Product page
7	Click		Back to top of home page
8	Click		Leads to Facebook page
9	Click		Leads to Twitter page
10	Click		Leads to Instagram page

## II. Product Page

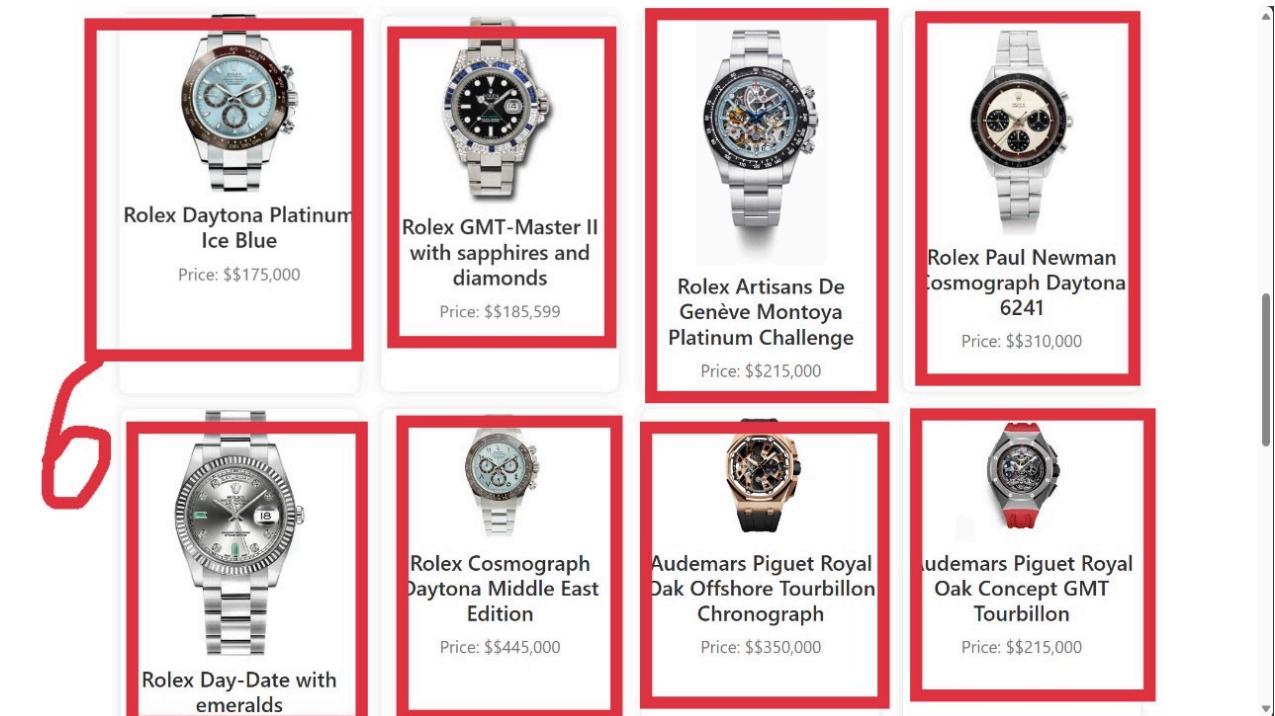
Use this page to view, order, and choose products and quantities.



No	Type	Validation	Action
1	Click		Navigation to Home page
2	Click		Navigation to Product page
3	Click		Navigation to Sell Watch page

4	Click		Navigation to Cart page
5	Click		Navigation to Login page
6	Click		Navigation to Men's Watches page
7	Click		Navigation to Women's Watches page
8	Click		Leads to Facebook page
9	Click		Leads to Twitter page
10	Click		Leads to Instagram page

## 1. Men's Watches



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Patek Philippe Grand Complications 6300G-010  
Price: \$2,200,000

Patek Philippe Grand Complications 5374P-001  
Price: \$825,000

Richard Mille RM 11-03 Automatic Flyback Chronograph  
Price: €299,900

Richard Mille RM 035-03 Rafael Nadal  
Price: \$From €515,000

Richard Mille RM 07-01 Automatic Winding  
Price: €309,000

Richard Mille RM 72-01 Automatic Winding Lifestyle Flyback Chronograph  
Price: \$On request

Richard Mille RM 12-01 Tourbillon Rafael Nadal Limited Edition  
Price: \$On request

Richard Mille RM 50-04 Kimi Räikkönen Tourbillon Split Seconds Chronograph  
Price: \$On request

6

Audemars Piguet Royal Oak Perpetual Calendar  
Price: \$130,000

Audemars Piguet Royal Oak Frosted Gold Double Balance Wheel Openworked  
Price: \$245,000

Audemars Piguet Royal Oak Offshore Chronograph Michael Schumacher  
Price: \$275,000

Audemars Piguet Royal Oak Offshore Grande Complication  
Price: \$850,000

Hublot Big Bang Unico Sapphire  
Price: \$80,000

Hublot Classic Fusion Tourbillon Cathedral Minute Repeater  
Price: \$285,000

Hublot MP-05 LaFerrari  
Price: \$300,000

Hublot Big Bang MP-11 Power Reserve 14 Days  
Price: \$90,000



**Hublot Spirit of Big Bang Tourbillon**

Price: \$130,000



**Hublot MP-09 Tourbillon Bi-Axis**

Price: \$180,000

**Our Information**

Alberto Watch Company  
info@albertowatch.com  
(123) 456-7890

**About Us**

Support Center  
Customer Support  
About Us  
Copy Right

**Product**

Road bikes  
Mountain bikes  
Electric  
Accessories

**Social**



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**Patek Philippe Nautilus 5711/1A-010**



Price: \$\$120,000

Description: Patek Philippe

Material: Stainless Steel

Case\_size: 40mm

Dial\_color: Blue

Movement: Automatic

Water\_resistanc:

Features: Date DisplaySapphire Crystal

**Add to Cart**

**Back to Men's Watches**



**Our Information**

Alberto Watch Company  
info@albertowatch.com  
(123) 456-7890

**About Us**

Support Center  
Customer Support  
About Us  
Copy Right

**Product**

Road bikes  
Mountain bikes  
Electric  
Accessories

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No	Type	Validation	Action
1	Click		Navigation to Home page
2	Click		Navigation to Product page
3	Click		Navigation to Sell Watch page
4	Click		Navigation to Cart page
5	Click		Navigation to Login page
6	Click		Navigation to Product detail.
7	Click		Add product to cart
8	Click		Navigation to Men's Watches page
9	Click		Leads to Facebook page
10	Click		Leads to Twitter page
11	Click		Leads to Instagram page

## 2.Women's Watches

# 2 Women's Watches



CARTIER LIBRE WATCH  
Price: \$300,000



LA PANTHÈRE DE  
CARTIER WATCH  
Price: \$268,000



PASHA DE CARTIER  
SKELETON WATCH  
Price: \$145,000



PANTHÈRE DE CARTIER  
WATCH  
Price: \$134,000



TANK MUST WATCH  
Price: \$121,000



DEFY SKYLINE TOURBILLON  
Price: \$55,000



DEFY REVIVAL  
Price: \$45,000



CHRONOMASTER  
SPORT  
Price: \$41,000



DEFY SKYLINE  
CHRONOGRAPH  
Price: \$65,000



DEFY SKYLINE  
SKELETON WHITE  
CERAMIC  
Price: \$43,000



CONSTELLATION  
Price: \$41,700



DE VILLE LADYMATIC  
Price: \$44,900



SPEEDMASTER 38  
Price: \$40,200



SEAMASTER PLANET  
OCEAN 600M  
Price: \$54,700



SPEEDMASTER DARK  
SIDE OF THE MOON  
Price: \$49,000



UNICO KING GOLD  
Price: \$41,600



ONE CLICK KING GOLD  
WHITE DIAMONDS  
Price: \$45,600



UNICO ESSENTIAL GREY  
Price: \$71,600



UNICO TITANIUM BLUE  
CERAMIC  
Price: \$48,600



ORIGINAL TITANIUM  
Price: \$81,600

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**SERPENTI SPIGA WATCH**

Price: \$53,000



**OCTO FINISSIMO WATCH**

Price: \$50,000

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**Our Information**

Alberto Watch Company  
info@albertowatch.com  
(123) 456-7890

**About Us**

Support Center  
Customer Support  
About Us  
Copy Right

**Product**

Road bikes  
Mountain bikes  
Electric  
Accessories

Social 

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**CARTIER LIBRE WATCH**



Price: \$300,000

Description: CARTIER

Material: 18k Rose Gold

Case\_size: 32mm

Dial\_color: Silver

Movement: Quartz

Water\_resistanc:

Features: Diamond BezelSapphire Crystal

Add to Cart

Back to Women's Watches

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**Our Information**

Alberto Watch Company  
info@albertowatch.com  
(123) 456-7890

**About Us**

Support Center  
Customer Support  
About Us  
Copy Right

**Product**

Road bikes  
Mountain bikes  
Electric  
Accessories

Social 

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No	Type	Validation	Action

1	Click		Navigation to Home page
2	Click		Navigation to Product page
3	Click		Navigation to Sell Watch page
4	Click		Navigation to Cart page
5	Click		Navigation to Login page
6	Click		Navigation to Product detail.
7	Click		Add product to cart
8	Click		Navigation to Women's Watches page
9	Click		Leads to Facebook page
10	Click		Leads to Twitter page
11	Click		Leads to Instagram page

### **III. Sell Watch page**

This page allows users to enter information about the products they want to sell to the company

The screenshot shows a web page titled "Sell Your Watch". At the top, there is a navigation bar with links for Home, Products, Sell Watch, Cart, and Login. The main content area has a form titled "Sell Your Watch" with fields for Brand, Model, Serial Number, Status (a dropdown menu showing "New"), and Description. A "Submit" button is at the bottom of the form. Red numbers 1 through 8 are handwritten over the page to indicate specific interaction points: 1 points to the "Home" link in the nav bar; 2 points to the "Products" link; 3 points to the "Sell Watch" link; 4 points to the "Cart" link; 5 points to the "Login" link; 6 points to the "Status" dropdown; 7 points to the "Description" input field; and 8 points to the "Submit" button.

The screenshot shows a dark footer section. It contains four columns: "Our Information" with links to Alberto Watch Company, info@albertowatch.com, and (123) 456-7890; "About Us" with links to Support Center, Customer Support, About Us, and Copy Right; "Product" with links to Road bikes, Mountain bikes, Electric, and Accessories; and "Social" with links to Facebook, Twitter, and YouTube. Below these columns is a copyright notice: "2023 ©Alberto Watch Company. All rights reserved."

No	Type	Validation	Action
1	Click		Navigation to Home page
2	Click		Navigation to Product page
3	Click		Navigation to Sell Watch page
4	Click		Navigation to Cart page
5	Click		Navigation to Login page
6	Text		Enter brand, model, serial number and description
7	Select		Select product status
8	Click	+Brand is required +Model is required	To submit form

		+Serial number is required +Description is required	
9	Click		Leads to Facebook page
10	Click		Leads to Twitter page
11	Click		Leads to Instagram page

#### IV. Cart

This page to view the added products, increase or decrease them, or delete them and proceed with payment

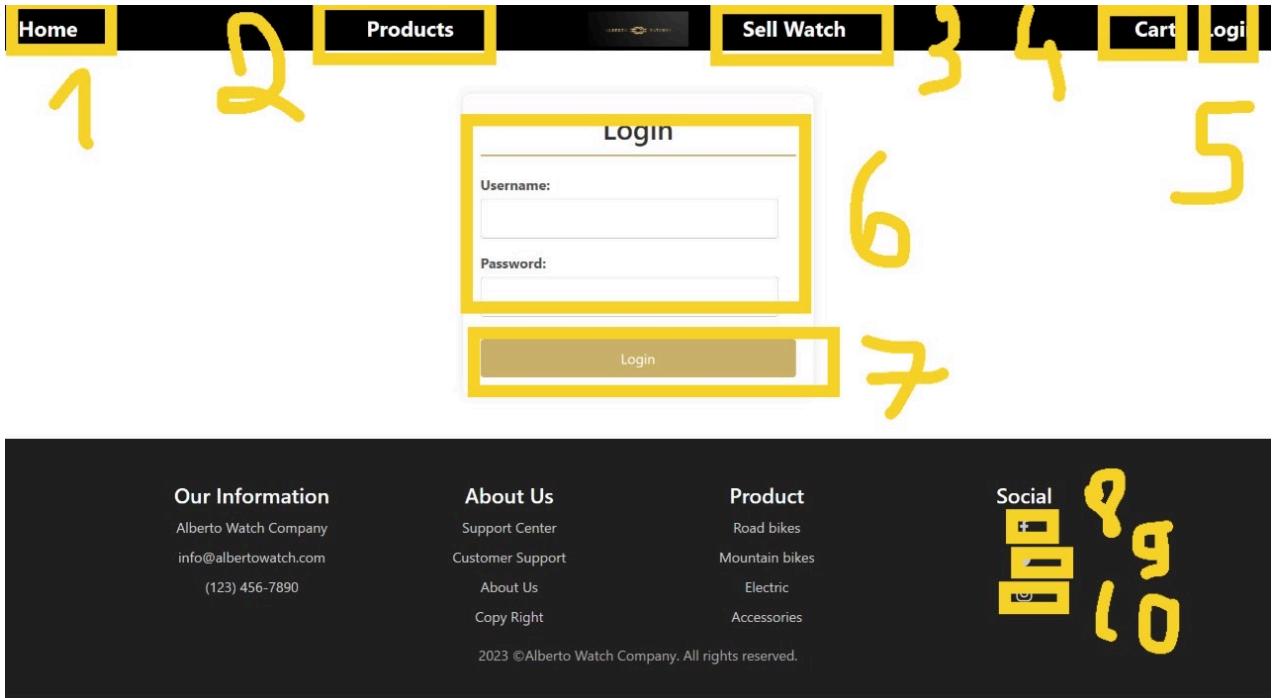
The screenshot shows a shopping cart interface. At the top, there are navigation links: Home, Products, Self Watch, Cart, and Login. Below these, the title "Shopping Cart" is displayed. A product item is listed: "Patek Philippe Grand Complications 6102P-001" with a price of "\$\$300,000". The quantity is set to 1, indicated by a minus sign, a plus sign, and a "remove" button. To the right of the product, the total amount is shown as "Total: \$NaN". At the bottom of the cart area are "Checkout" and "Reset Cart" buttons. The entire cart section is highlighted with yellow numbers 1 through 8. Below the cart, the footer contains sections for "Our Information", "About Us", "Product", and "Social". The footer also includes copyright information: "2023 ©Alberto Watch Company. All rights reserved." The footer area is highlighted with yellow numbers 9 through 14.

The screenshot shows a similar shopping cart interface. The top navigation and cart title are identical. A product item is listed: "Patek Philippe Complications 5270P-001" with a price of "\$\$185,000". The quantity is set to 1. A modal dialog box is overlaid on the page, containing the text "localhost:3000 cho biết" and "Proceeding to checkout...". An "OK" button is visible in the bottom right corner of the dialog. The cart area is highlighted with yellow numbers 11 through 14. The footer is identical to the previous screenshot, featuring sections for "Our Information", "About Us", "Product", and "Social", along with copyright information. The footer area is highlighted with yellow numbers 12 through 15.

No	Type	Validation	Action
1	Click		Navigation to Home page
2	Click		Navigation to Product page
3	Click		Navigation to Sell Watch page
4	Click		Navigation to Cart page
5	Click		Navigation to Login page
6	Click		Press - to decrease the quantity you want to buy.
7	Click		Press + to increase the quantity you want to buy (min = 1; max = quantity in stock).
8	Click		Delete product
9	Click		Currently announcing that payment is in progress...
10	Click		Delete all items selected in shopping cart
11	Click		Reset the shopping cart
12	Click		Leads to Facebook page
13	Click		Leads to Twitter page
14	Click		Leads to Instagram page

## V. Login

Log in to the site if you already have a member account



No	Type	Validation	Action
1	Click		Navigation to Home page
2	Click		Navigation to Product page
3	Click		Navigation to Sell Watch page
4	Click		Navigation to Cart page
5	Click		Navigation to Login page
6	Text		Enter username and password
7	Click	Username is required Password is required	To submit form login
8	Click		Leads to Facebook page
9	Click		Leads to Twitter page

10	Click		Leads to Instagram page
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## Task Sheet

No	Member	Page Name	Planned Start Date	Actual Start Date	Actual End Date	Status
1.	PHẠM HOÀNG MINH QUÂN	<b>Product -Men's watches</b>	22/6/2024	22/6/2024	27/7/2024	<b>100%</b>
2.	TRUONG GIA NGHI	<b>Products -Women's watches</b>	22/6/2024	22/6/2024	27/7/2024	<b>100%</b>
3.	HOÀNG MÃN ĐẠT	<b>Login</b>	22/6/2024	22/6/2024	27/7/2024	<b>100%</b>
		<b>Product main page</b>				
		<b>Sell Watch</b>				
4.	HOÀNG NGỌC THẢO VY	<b>Home Cart</b>	22/6/2024	22/6/2024	27/7/2024	<b>100%</b>





