

# Alberto Clocks

**Supervisor:** *LÊ THANH NHÂN*

**Semester:** *01*

**Batch No:** *T1.2204.E1*

**Group No:** *01*

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*Month: 07 Year: 2022*

This is to certify that

Mr. **LÊ KHẢ TÚ**

Mr. **HỒ ANH QUÂN**

Mr. **NGUYỄN KHÔI NGUYỄN**

Mr. **PHẠM VĂN THUẬN**

Have successfully Designed & Developed

**ALBERTO CLOCKS**

Submitted by:

**Mr. LE THANH NHAN**

Date Of Issue:

Authorized Signature:

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# Acknowledge

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

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

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

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

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

Your Sincerely,

Team Group 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 assistance of the faculty if required.

The website (in this project) is a tool that brings many meaningful knowledges. Through this project, we have opened up a lot of new knowledge and technology in the field of watches as well as the basic structure and operation of a website, especially the Single Page Application website genre.

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

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

<b>Design Plan:</b> Alberto Clocks	<b>Document Name:</b> Problem Definition	<b>SWD/Form</b> No.01/PD/Ver1.0
<b>Effective Date:</b> 14-07-2022	<b>Version</b> 1.0	<b>Page No:</b> 1 of 24

## Problem Definition

### 1. 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!

### 2. Identify the problem:

Alberto Watch Company:

- ✓ Retail Store of luxury timepieces
- ✓ Online shopping easily
- ✓ Sell all types of watch (Vintage, Luxury, Smart Watch)
- ✓ Provide full-service watch repair (All types of watch)
- ✓ In charge of appraisal (Private check is included-could cost fees)
- ✓ Provide the first-class service of all customers

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<b>Signature</b>		
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- ✓ Provide product redemption service with the best price for those who have purchased and registered with the store (Only accept direct sales)

### 3. Customer:

- Check the parameters, serial number, price of the watch
- Register as membership of Alberto Watch Company
- Get discount codes on special days if you have registered as a member
- Send feed back to Alberto Watch Company

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<b>Design Plan:</b> Alberto Clocks	<b>Document Name:</b> Customer Requirements Specifications	<b>SWD/Form No.02/CRS/Ver1.0</b>
<b>Effective Date:</b> 14-07-2022	<b>Version</b> 1.1	<b>Page No: 3 of 24</b>

# Customer Requirements Specifications

## User:

### Input:

- Member Data
- Information about the watch
- Feed back
- Add to cart

### Process:

- Check member information
- Watch name search
- Watch brand search
- Looking for watch's type
- Looking for watch's features
- Watch price search
- Promo code search
- Looking for similar watch models
- Adding to cart

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### Output:

- Notification of successful or failed registration
- Cart notice
- Notice of information about the watch
- Show similar watches

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## Webmaster:

### Input:

- Administrator login information
- Add/Edit/Delete watch's image
- Add/Edit/Delete watch's brand
- Add/Edit/Delete watch's name
- Add/Edit/Delete watch's data

### Process:

- Check administrator credentials
- Add/Edit/Delete watch's image
- Add/Edit/Delete watch's brand
- Add/Edit/Delete watch's name
- Add/Edit/Delete watch's data

### Output:

- Sign in success or failure message
- Notice whether add/edit/delete watch information succeeds or fails

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<b>Date</b>		

<b>Design Plan:</b> Alberto Clocks	<b>Document Name:</b> Customer Requirements Specifications	<b>SWD/Form</b> No.02/CRS/Ver1.0
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## Hardware / software requirement:

### Software:

Technologies to be used:

- Frontend: HTML5, CSS, Bootstrap, JavaScript, jQuery, AngularJS, XML
- Data Store: JSON files or TXT files

Other Requirements:

- Operating Portal: Windows
- Browsers: Edge, Chrome, Mozilla Firefox, Safari

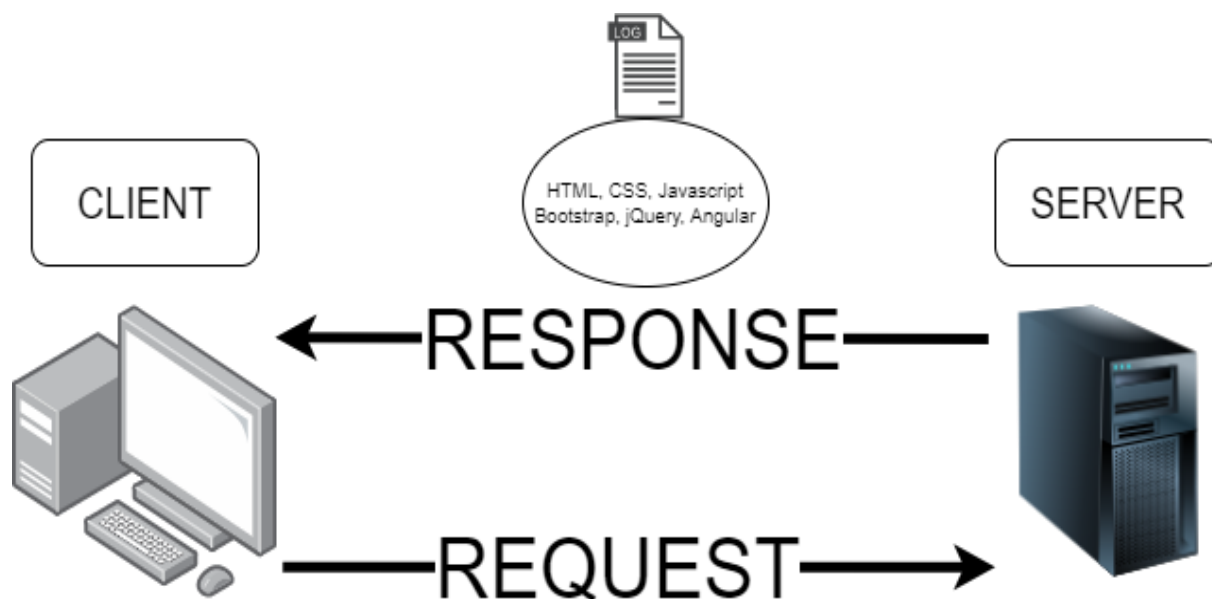
### Hardware:

- Intel Core i3/i5 Processor or higher
- 8 GB RAM or above
- Color SVGA
- 500 GB Hard Disk space
- Mouse
- Keyboard

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<b>Design Plan:</b> Alberto Clocks	<b>Document Name:</b> Architecture and design of the project	<b>SWD/Form No.03/ARD/Ver1.0</b>
<b>Effective Date:</b> 14-07-2022	<b>Version</b> 1.0	<b>Page No: 7 of 24</b>

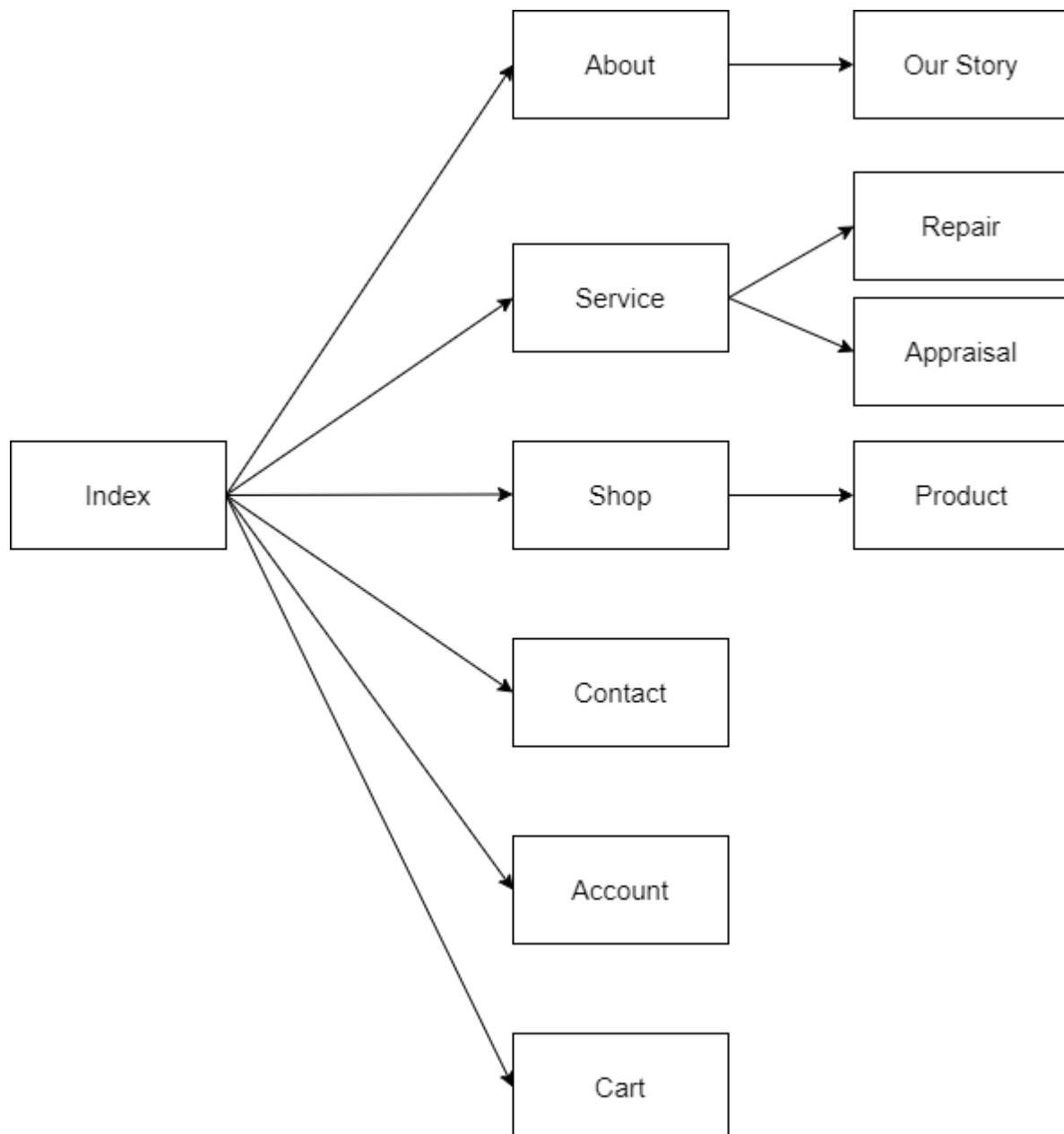
## Architecture and design of the project



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<b>Date</b>		

<b>Design Plan:</b> Alberto Clocks	<b>Document Name:</b> Site Map	<b>SWD/Form</b> No.04/SM/Ver1.0
<b>Effective Date:</b> 14-07-2022	<b>Version</b> 1.0	<b>Page No:</b> 8 of 24

## Site Map



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<b>Date</b>		

<b>Design Plan:</b> Alberto Clocks	<b>Document Name:</b> Screen Shots	<b>SWD/Form</b> No.05/SS/Ver1.0
<b>Effective Date:</b> 14-07-2022	<b>Version</b> 1.0	<b>Page No:</b> 9 of 24

## Screen Shots

### I. Index

HOME	ABOUT	SERVICE	SHOP	LOGO	CONTACTS	SIGN IN	CART
VIDEO BACKGROUND							
CITIZEN PROMASTER COLLECTION							
SWISS ESSENCE INTRODUCTION							
ABOUT							
OUR BEST SELLERS							
CONTACT							
EMAIL	CONTACT LINKS					MAPS	

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<b>Date</b>		

<b>Design Plan:</b> Alberto Clocks	<b>Document Name:</b> Screen Shots	<b>SWD/Form</b> No.05/SS/Ver1.0
<b>Effective Date:</b> 14-07-2022	<b>Version</b> 1.0	<b>Page No:</b> 10 of 24

SUBSCRIBER		
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**Description** : This is homepage, it is the default or front page of a site. On its, we can navigate to sections on homepage and navigate to about.html, appraisal.html, shop.html, repair.html, etc.

**From** : When you open Index.html, homepage will be auto load at first.

**To** : Sections of homepage and history, appraisal, shop, repair, etc.

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<b>Signature</b>		
<b>Date</b>		



<b>Design Plan:</b> Alberto Clocks	<b>Document Name:</b> Screen Shots	<b>SWD/Form</b> No.05/SS/Ver1.0
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## II. History

OUR HISTORY		
PHOTO	INTRODUCING	
THE BEST OF PROFESSIONAL		
INTRODUCING OF PROFESSIONALS		
PHOTO OF PROFESSIONAL 1	PHOTO OF PROFESSIONAL 2	PHOTO OF PROFESSIONAL 3

**Description** : This is History Page, which is used to take customers on a short trip through our history since the date of being found, to let you know more about us before deciding to go a long journey with Alberto Company.

**From** : About section from Index.

**To** : Bring you to our historical page.

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<b>Signature</b>		
<b>Date</b>		

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### III. Shop

HEADER			
SORT		SEARCH	
SIDEBAR	PRODUCT 1	PRODUCT 2	PRODUCT 3
	PRODUCT 4	PRODUCT 5	PRODUCT 6
	PRODUCT 7	PRODUCT 8	PRODUCT (...)

**Description** : This is shop page, it's used to access shopping screen, have a quick research about all types of watch, we can do search on brands, names, price or features of watch in this page to filter the watch that you want.

**From** : Shop.html will be run by clicking "Shop" on Index.html.

**To** : Bring you to see the whole detail of a watch, which is called Product.html.

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#### IV. Product

PICTURE	NAME
	PRICE
	MODEL
	FEATURES
	DESCRIBING
	...

**Description** : This is Product page, which is used to show the details of a watch as well as the whole looks of the watch.

**From** : Clicking the any products belong to Shop page.

**To** : Detail research before buying.

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<b>Date</b>		

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## V. Appraisal

WATCH APPRAISAL		
IMAGE		
INTRODUCING		
THE STEPS TO APPRAISE WATCH ONLINE		
STEP 1	STEP 2	STEP 3
OUR WATCH EXPERT		
INTRODUCING ABOUT EXPERTS		

**Description** : This is Appraisal Page, which is used to appraise your watch to give you the best price after being appraised, check if your watch still run well or not, if not we can provide you our repair service.

**From** : Service section.

**To** : Repair page.

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<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Alberto Clocks	<b>Document Name:</b> Screen Shots	<b>SWD/Form</b> No.05/SS/Ver1.0
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## VI. Repair

Proper repair for proper watch		Image	
Watch	Jewelry		Engraving
Professional watch repair service (Introduce about service)		Photo	
Customer review			
Review 1			
Review 2			
Review 3			
Review (...)			

**Description** : This is Repair page, which will give you the best repair service

**From** : Service section.

**To** : Repair service.

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
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<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Alberto Clocks	<b>Document Name:</b> Testing Document	<b>SWD/Form</b> No.06/TD/Ver1.0
<b>Effective Date:</b> 14-07-2022	<b>Version</b> 1.0	<b>Page No:</b> 16 of 24

## Testing Document

Sr.No	Features Tested	Remarks
1	Email can not be left blank and must have @ before writing address	Checked
2	Email must be filled	Checked
3	Phone number length is 10 to 11 numbers	Checked
4	Phone number must be filled	Checked
5	Name length is 8 to 16 letters (no special keywords)	Checked
6	Name must be filled	Checked
7	Password length is 15 and has at least 1 special keyword and has at least 1 uppercase letter	Checked
8	Password must be filled	Checked
9		
10		
11		
12		
13		
14		
15		

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<b>Date</b>		

<b>Design Plan:</b> Alberto Clocks	<b>Document Name:</b> Final Checklist	<b>SWD/Form</b> No.07/FC/Ver1.0
<b>Effective Date:</b> 14-07-2022	<b>Version</b> 1.1	<b>Page No:</b> 17 of 24

## Final Checklist

Sr.No	Aspect Tested	Suggestion/ Remarks
1	Are all the users able to view the images and links?	Yes
2	Have all the views, modules and controllers been properly integrated and is the site function as a single page application?	Yes
3	Are the GUI content devoid of spelling mistakes?	Yes
4	Is the application user-friendly?	Yes
5	Is the Website launching correctly in all popular browsers?	Yes
6	Are all the forms validated with proper criteria?	Yes
7	Do all text links lead to the appropriate website?	Yes
8	Do all image links lead to the appropriate website?	Yes
9	Are all the images and links clearly visible on the page?	Yes
10	Does the Web page work properly in all the tested browsers?	Yes
11	Does the Web page take too long to be loaded fully?	No
12	Is the navigation sequences correct through all the Web pages on the site?	Yes
13	Is the JavaScript code working as expected in all click events?	Not yet

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<b>Date</b>		

<b>Design Plan:</b> Alberto Clocks	<b>Document Name:</b> Task Sheet	<b>SWD/Form</b> No.08/TS/Ver1.0
<b>Effective Date:</b> 14-07-2022	<b>Version</b> 1.2	<b>Page No:</b> 18 of 24

No	Member	Contents	Page Name	Activity Plan	Date of Preparation of Activity Plan		
				Planed Start Date	Actual Start Date	Actual Days	Status
1	Hồ Anh Quân	About	About.html	14-07-2022	19-07-2022	5	OK
		Appraisal	Appraisal.html	14-07-2022	19-07-2022	5	OK
2	Lê Khả Tú	Shop	Shop.html	14-07-2022	19-07-2022	5	OK
		Cart	Index.html	14-07-2022	19-07-2022	5	OK
3	Nguyễn Khôi Nguyên	Product	Product.html	14-07-2022	19-07-2022	5	OK
		Repair	Repair.html	14-07-2022	19-07-2022	5	OK
4	Phạm Văn Thuận	Homepage	Index.html	14-07-2022	19-07-2022	5	OK
		Contact & Account	Index.html	14-07-2022	19-07-2022	5	OK

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
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<b>Date</b>		