FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

ALPINE ASCENTS

Supervisor: *LÊ THANH NHÂN*

Semester: *01*

Batch No: *T1.2204.E1*

Group No: *02*

Order:	**Full name**	**Roll No.**
1.	*Trương Ngọc Minh Cát*	*Student1376134*
2.	*Lê Văn Kỳ Dự*	*Student1377157*
3.	*Trần Đại Minh*	*Student1378745*

***Month**: 07 **Year**: 2022*

This is to certify that

Mr. **TRƯƠNG NGỌC MINH CÁT**

Mr. **LÊ VĂN KỲ DỰ**

Ms. **TRẦN ĐẠI MINH**

Have successfully Designed & Developed

ALPINE ASCENTS

Submitted by:

Mr. LE THANH NHAN

Date Of Issue:

Authorized Signature:

Content

Content

Acknowledge

Synposis

Review1 ..... (1)

Review2 ..... (5)

Tasksheet ..... (14)

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 projectimplementation 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 more complicated and useful.
- ✓ Mentoring through email support.

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

Beside serveral mistakes we had made in the project, we hope to have more oppotunities to widen our knownledge 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 things as much as we can to be more successful in the future.

Your Sincerely,

Team Group 2.

Synposis

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 everything in the world to you such as historic monuments information natural knowledge or 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 requirements given.

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

Problem Definition

Problem Definition:

1. Alpine Ascents is a leader in the Mountaineering and Climbing industry and has been instrumental in setting guiding standards in the international climbing community. Our mission and goals are simple: by using the best climbing talent in the country, we offer the opportunity for climbers at all levels to achieve their personal aspirations through quality, challenging, safe and fun expeditions. Unparalleled mountain adventures are what we do.

2. Mountaineering, also called mountain climbing, the sport of attaining, or attempting to attain, high points in mountainous regions, mainly for the pleasure of the climb. Although the term is often loosely applied to walking up low mountains that offer only moderate difficulties, it is more properly restricted to climbing in localities where the terrain and weather conditions present such hazards that, for safety, a certain amount of previous experience will be found necessary. For the untrained, mountaineering is a dangerous pastime.

3. Unlike most sports, mountaineering lacks widely-applied formal rules, regulations, and governance; mountaineers adhere to a large variety of techniques and philosophies when climbing mountains.

4. The website which they demand is supposed to provide user friendly environment and navigation. The important menu must be stated in the top section of the webpage. Also a decent look out and color combination is expected.

5. You are supposed to create a Single-Page-Application and responsive Website for them with the below mentioned requirement specifications.

6. The website is to be developed for the Windows Platform using HTML5, JSON, Angular JS, JavaScript and Geolocation. The site should work well in all leading browsers including Chrome, IE, Firefox etc.

Identify the problem:

1. 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.

2. All of these should also be laid out in a responsive manner

3. The Web site is to be created based on the following requirements.

a. There should be detailed information about mountaineering.

b. The site should also include the details mentioned below in relation to the mountaineering.

c. History.

d. Types/Styles.

e. Techniques.

f. Sheltering.

g. Hazards.

4. Various records related to it should also be made available.

5. The site should also provide the details of groups/organizations/clubs with their location should be displayed using GeoLocation API (eg. GoogleMaps) that arrange mountaineering to various locations in different areas across the globe Users should also be able to see various success stories of organized camps.

6. There should be a gallery section where informative /related videos and pictures.

7. There should be a separate section for the material on latest developments in the field.

8. Also there should be general guidelines.

9. Also each link must be properly hyperlinked; images must be used wherever necessary.

Over and above this, the portal should implement the following functionalities:

1. Display a continuous scrolling ticker at the bottom of the page with current date, time, and location (hint: Use geolocation features of HTML5).

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

3. The menu options should change color on hover and also after clicking.

4. Fade in and fade out options can be used for the menus.

Customer Requirements Specifications

User:

Input:

- Contact information.
- Search information to be selected.

Process:

- Search for information.
- Check valid member contact information.

Output:

- Inform details of successful/failed searches.
- The notification of registration of contact information succeeded / failed.

Webmaster:

Input:

- Administrator credentials.
- Contact information.
- Search information to be selected.

Process:

- Add/edit/delete item details.
- Search for information.
- Check valid member contact information.

Output:

- Update information details of successful/failed items.
- Items must be super-aligned with each other properly.
- The image must be used whenever it is designed.

Hardware / software requirement:

Software:

Technologies to be used:

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

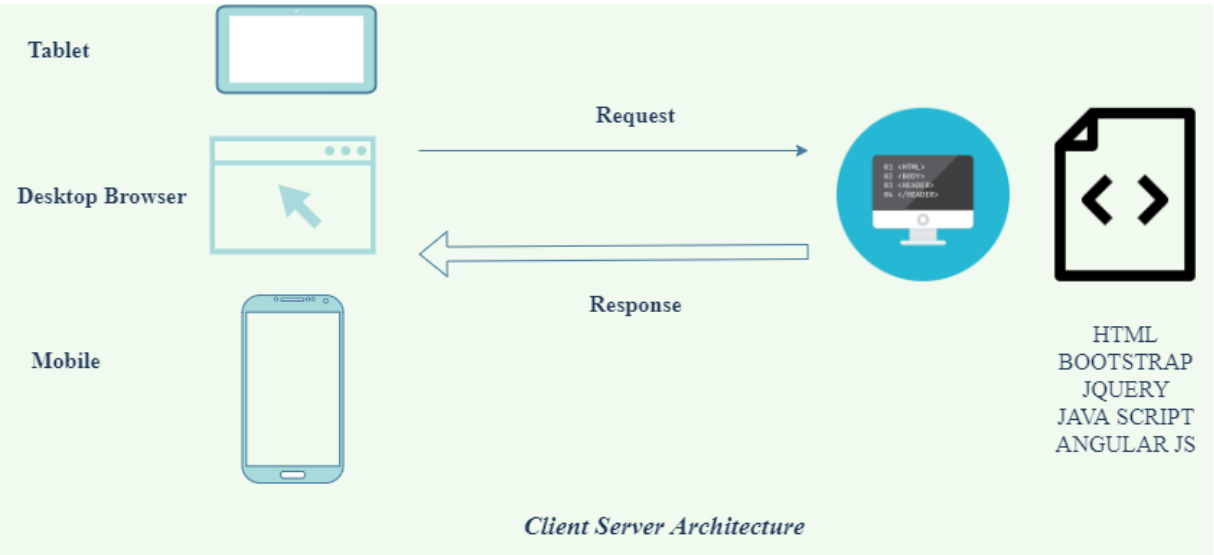
Other Requirements:

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

Hardware:

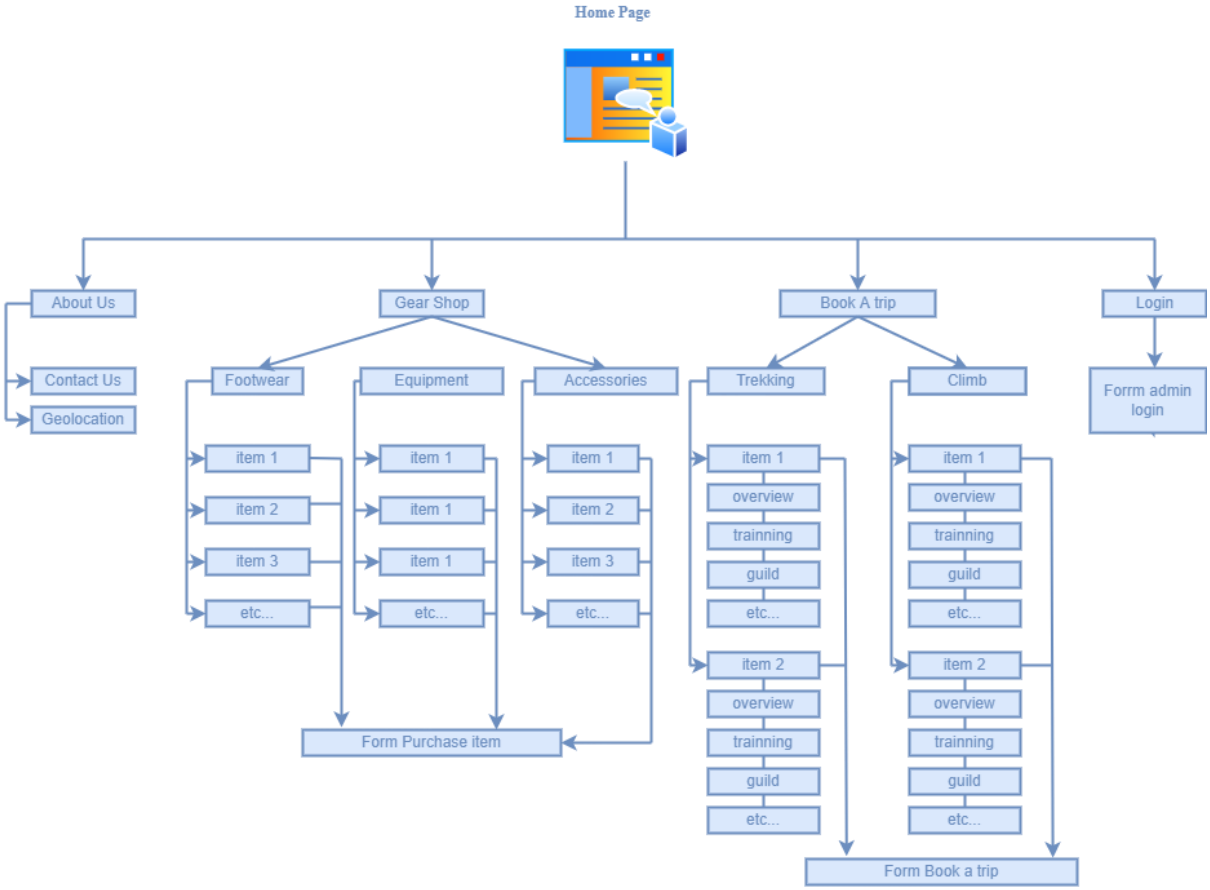
- Intel Core i3/i5 Processor or higher.
- 8 GB RAM or above.
- Color SVGA.
- 500 GB Hard Disk space.
- Mouse.
- Keyboard.

Architecture and design of the project



Client Server Architecture

Site Map

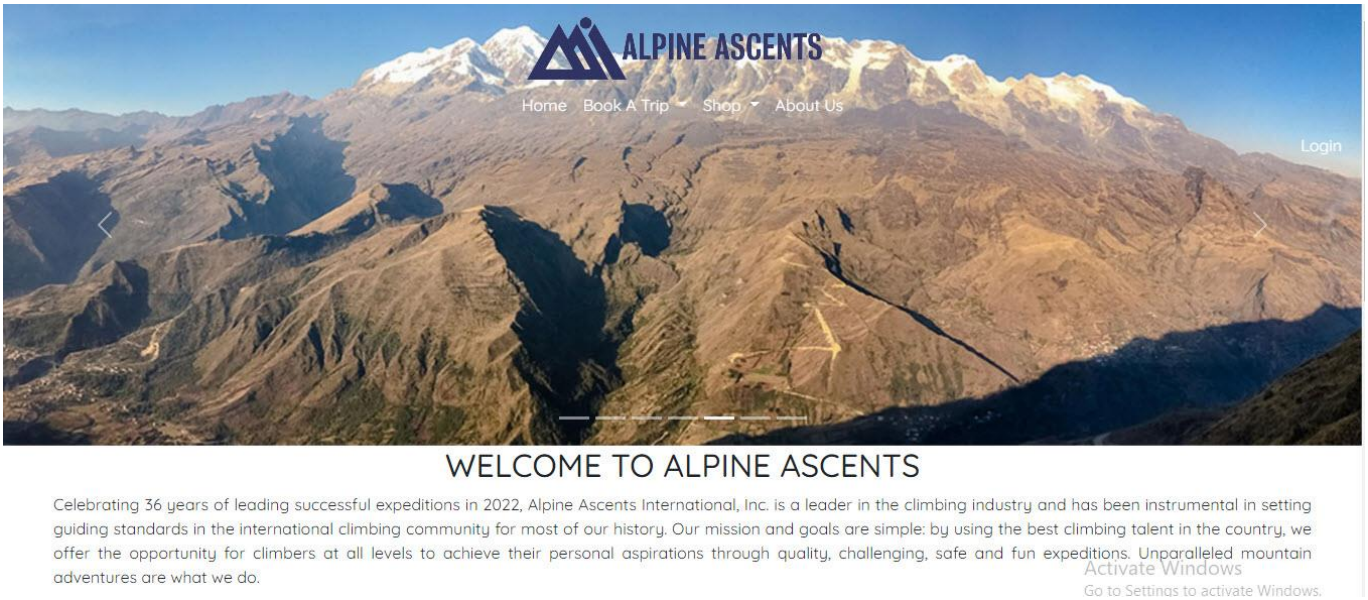


Site map

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 02	
Signature		**Le Thanh Nhan**
Date	**14/07/2022**	**23/07/2022**

Screen shots

I. Index

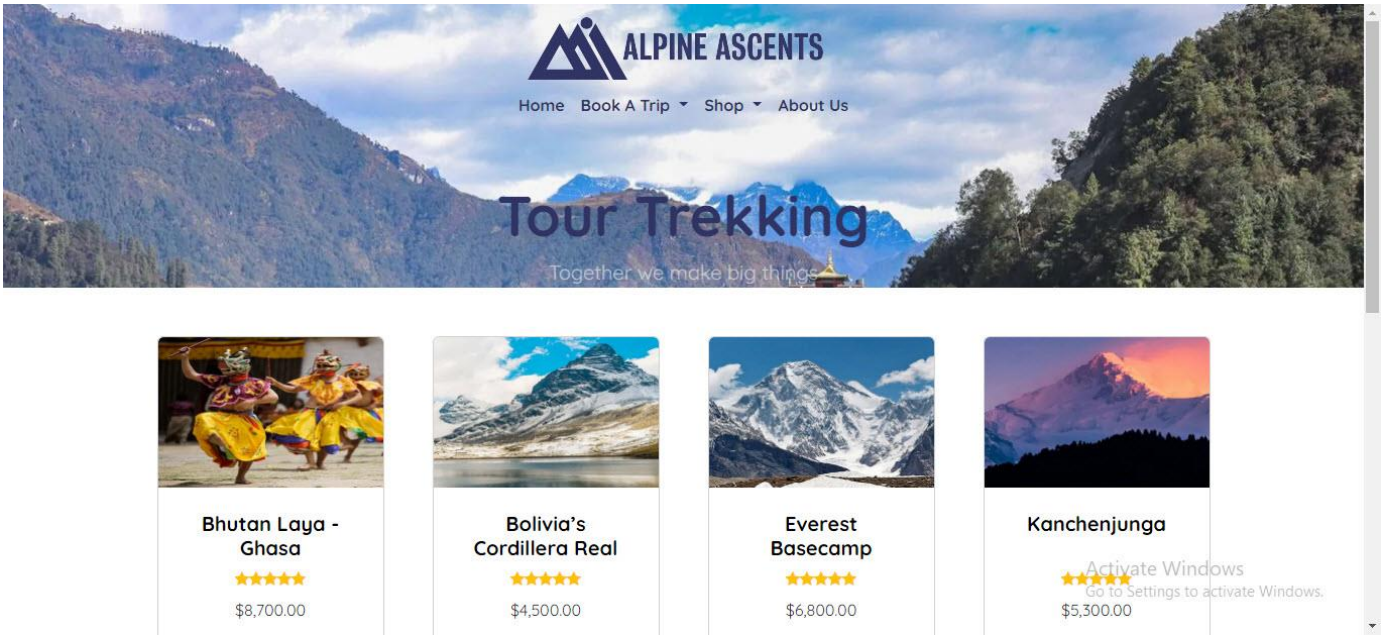


Description: This screen looks first of the Web page. This interface displays the full functionality of the Web. Help readers access the information they need to see.

From: Opened from menu of Index.html

To: Other pages seeking more information about the Company can be accessed, e.g., **Book a trip, Shop, About us** (bookatrip.html, shop.html, Aboutus.html)

II. Book A Trip

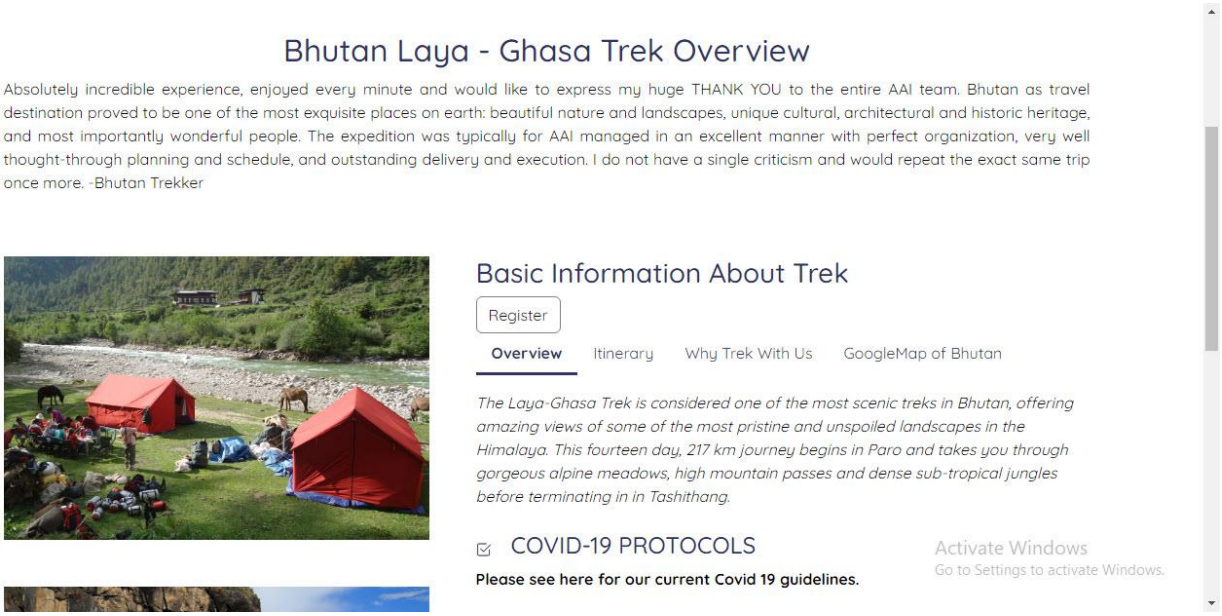


Description: This is information about the company's mountaineering tours for guests to refer to the mountain information, prices.

From: Book a trip/trekking (bookatrip.html/shoptrekk.html).

To: Bring you to items trekking.

II.1 Book trip



Description: This is each of information about the trek tour for guests to refer to the mountain information, prices.

From: Book a trip/trekking (shoptrekk.html/itemtrekking1.html).

To: To help you watch information about trek.

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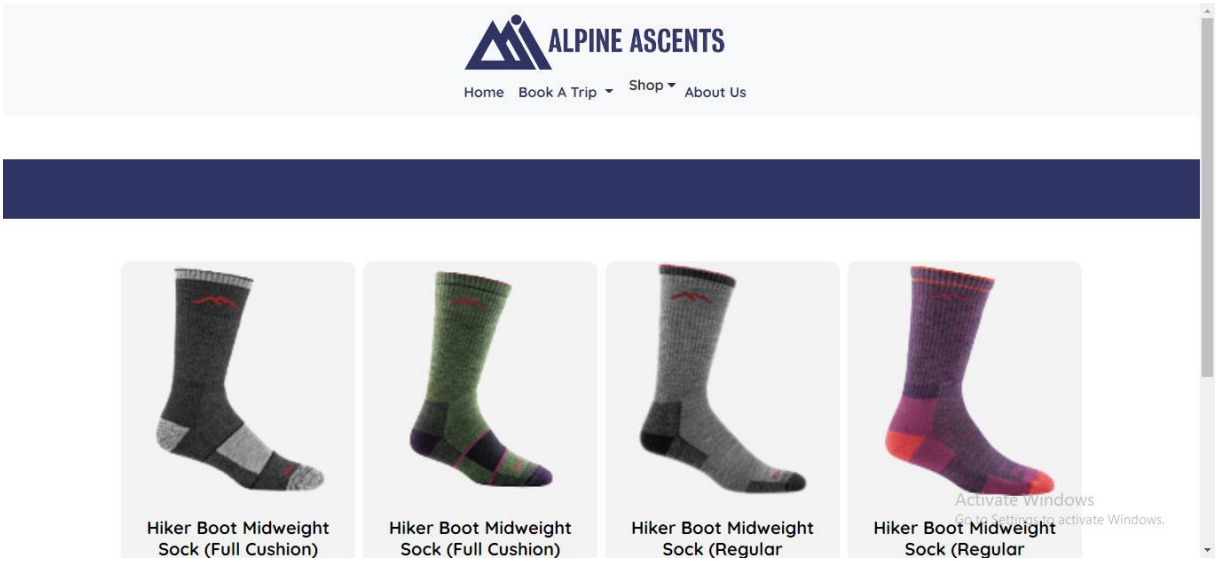
III. Shop



Description: This is information about specialized products, equipment and accessories for climbing for customers' reference, with prices.

From: Book a trip/trekking (Shop.html/).

To: Bring you to Handwear, Eyewear, Headwear,...

III.1 Footwear

Description: This is information about each of item user want to refer. Price, Information, Prize, Size

From: sock/fotwearinfo.html (Shop.html/footwear.html).

To: Bring you to Sock,...

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	First Name and Last Name must be filled	Checked
7	Gender must be chosen	Checked
8	Country must be chosen	Checked
9	City/ State must be filled	Checked
10		
11		
12		
13		
14		
15		

	Prepared by (Student)	Approved by (Faculty)
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Final checklist

Sr.No	Aspected 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?	No

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Task Sheet

No	Member	Contents	Page Name	Activity Plan	Date of Preparation of Activity Plan		
				Planed Start Date	Actual Start Date	Actual Days	Status
1	Trương Ngọc Minh Cát	Homepage	Homepage.html	14/7/2022	14/7/2022	5	OK
2		Login	Login.html	14/7/2022	14/7/2022	5	OK
3		About us	About us.html	14/7/2022	14/7/2022	5	OK
1	Lê Văn Kỳ Dự	Treking	Treking.html	14/7/2022	14/7/2022	5	OK
2		Purchase	Purchase.html	14/7/2022	14/7/2022	5	OK
3		Climb	Climb.html	14/7/2022	14/7/2022	5	OK
1	Trần Đại Minh	Footwear	Foorwear.html	14/7/2022	14/7/2022	5	OK
2		Equipment	Equipment.html	14/7/2022	14/7/2022	5	OK
3		Accessories	Accessories.html	14/7/2022	14/7/2022	5	OK

	Prepared by (Student)	**Approved by (Faculty)**
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