

# Bronx Luggage

**Supervisor:** *LE MONG THUY*

**Semester:** *01*

**Batch No:** *T1.2210.E1*

**Group No:** *02*

Order:	Full name	Roll No.
<i>1.</i>	<i>Le Nguyen Long</i>	<i>Student1429831</i>
<i>2.</i>	<i>Ha Vinh Hung</i>	<i>Student1429112</i>
<i>3.</i>	<i>Tran Duy Tam</i>	<i>Student1429091</i>

*Month: 01 Year: 2023*

This is to certify that

Mr. **LE NGUYEN LONG**

Mr. **HA VINH HUNG**

Mr. **TRAN DUY TAM**

Have successfully Designed & Developed

**BRONX LUGGAGE**

Submitted by:

**Mr. LE NGUYEN LONG**

Date Of Issue:

**14/01/2023**

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 No.2.

# 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.

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 our fingertips!! An electronic, live juncture on the machine that allows us 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.

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> Bronx Luggage	<b>Document Name:</b> Problem Definition	<b>SWD/Form</b> No.01/PD/Ver1.0
<b>Effective Date:</b> 14-01-2023	<b>Version</b> 1.0	<b>Page No:</b> 1 of 21

## Problem Definition

After the Covid-19 pandemic, the global economy is recovering and travel need is growing rapidly. Aware of that, a luggage retailer decided to develop a website offering a wide selection of luggage from affordable sets to the best brands on the market for this travel need.

Believing that every journey experience in a person's life is extremely important, and the joy of discovering a new land will not be complete when unexpected incidents happen when we forget and lack the accessories needed support for the trip.

Understanding that, the Bronx Luggage website was born in Jan 2023 for helping journeys will start more conveniently, and end more fully. The Bronx Luggage specializes in providing Backpacks, travel accessories, briefcases, and more.

Before those missions, My team is supposed to create a Single-Page-Application and responsive Website for them with the below-mentioned requirement specifications.

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.

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



<b>Design Plan:</b> Bronx Luggage	<b>Document Name:</b> Customer Requirements Specifications	<b>SWD/Form No.02/CRS/Ver1.0</b>
<b>Effective Date:</b> 14-01-2023	<b>Version</b> 1.0	<b>Page No: 2 of 21</b>

# Customer Requirements Specifications

## User:

### Input:

- Search product by name
- Filter brand/ color/ price/ size/ gender
- Send Feedback/ rating.

### Process:

- Find product.
- Update the rated times and recalculate.
- Saving feedback to data.

### Output:

- Show product name by searching the name.
- List of products follow by brand/ color/ price/ size/ gender.
- Show feedback/ rating.

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	<b>Project Group No: 02</b>	LE MONG THUY
<b>Signature</b>		
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<b>Design Plan:</b> Bronx Luggage	<b>Document Name:</b> Customer Requirements Specifications	<b>SWD/Form No.02/CRS/Ver1.0</b>
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## Functional Requirements:

- The Web site is to be created based on the following requirements.
- The Home Page should be created with suitable logo.
- Display product along with information, image and price.
- Allow user search by product name.
- Allow user filter for various sizes, colour, price, brands or gender.
- Section for Men and Women with products placed accordingly.
- Allow user rating and entering feedback.
- Provide section for various brands offered in the store.
- About Us and Contact Us: This menu option should display Email id, address, and contact number of the organization who is developing the system.
- Display a continuous scrolling ticker at the bottom of the page with current date, time, and location
- Display a visitor count at the top right corner of the page beside a logo image.

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	<b>Project Group No: 02</b>	LE MONG THUY
<b>Signature</b>		
<b>Date</b>		

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

### Software:

- 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

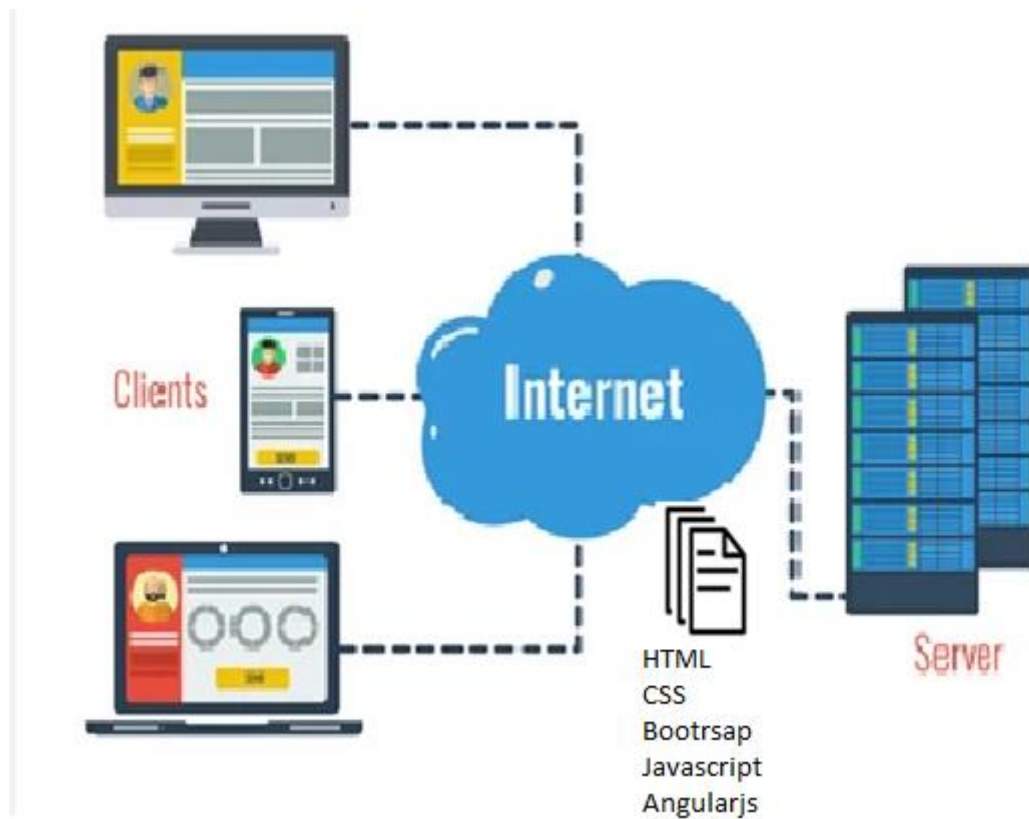
### Hardware:

- 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>Project Group No: 02</b>	LE MONG THUY
<b>Signature</b>		
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<b>Design Plan:</b> Bronx Luggage	<b>Document Name:</b> Architecture and design of the project	<b>SWD/Form No.03/ARD/Ver1.0</b>
<b>Effective Date:</b> 14-01-2023	<b>Version</b> 1.0	<b>Page No: 5 of 21</b>

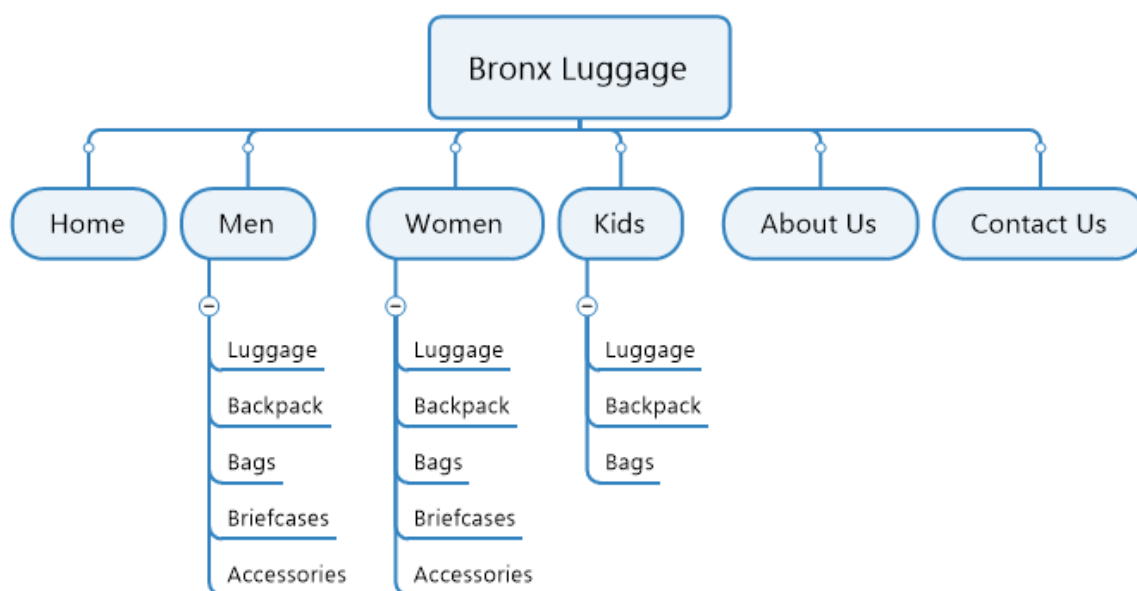
## Architecture and design of the project



	<b>Prepared by (Student)</b> Project Group No: 02	<b>Approved by (Faculty)</b> LE MONG THUY
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<b>Date</b>		

<b>Design Plan:</b> Bronx Luggage	<b>Document Name:</b> SiteMap	<b>SWD/Form</b> No.04/SM/Ver1.0
<b>Effective Date:</b> 14-01-2023	<b>Version</b> 1.0	<b>Page No:</b> 6 of 21

# SiteMap



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

<b>Design Plan:</b> Bronx Luggage	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.05/SS/Ver1.0
<b>Effective Date:</b> 14-01-2023	<b>Version</b> 1.0	<b>Page No:</b> 7 of 21

## Screen shots

### I. Home:

Logo	Home	Men	Women	Kids	About Us	Contact Us
<div> <div>&lt;</div> <div>Services Carousel</div> <div>&gt;</div> </div>						
Best Seller						
Sale Promotion						

#### Description :

- The Home Page is created making use of Sections with a suitable logo.
- The header section can be added which will show images of various Luggage's and Bags.
- Display best seller and sale promotion.

**From** : Home

**To** : Men/ Women/ Luggage/ Backpacks/ Bags/ Briefcases/  
Accessories/ Kids/ About Us/ Contact Us

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	<b>Project Group No:</b> 02	LE MONG THUY
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Bronx Luggage	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.05/SS/Ver1.0
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## II. Men/ Women/ Kids:

Logo	Home	Men	Women	Kids	About Us	Contact Us
Luggage (Avatar)	Backpacks (Avatar)	Bags (Avatar)	Briefcases (Avatar)		Accessories (Avatar)	

**Description** : Contain the sections to navigate through various types of Luggage, Bags and Backpacks...

**From** : Products/ Men/ Women/ Kids

**To** : Home/ Men/ Women/ Luggage/ Backpacks/ Bags/ Briefcases/ Accessories/ Kids/ About Us/ Contact Us

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<b>Design Plan:</b> Bronx Luggage	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.05/SS/Ver1.0
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### III. Luggage/ Backpacks/ Bags/ Briefcases/ Accessories:

Logo	Home	Men	Women	Kids	About Us	Contact Us
Filter Aside		List of products				

**Description** : Display list of products and let user filter the search results.

**From** : Luggage/ Backpacks/ Bags/ Briefcases/ Accessories

**To** : Home/ Men/ Women/ Luggage/ Backpacks/ Bags/ Briefcases/ Accessories/ Kids/ About Us/ Contact Us

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	<b>Project Group No:</b> 02	LE MONG THUY
<b>Signature</b>		
<b>Date</b>		



<b>Design Plan:</b> Bronx Luggage	<b>Document Name:</b> Screen shots	<b>SWD/Form</b> No.05/SS/Ver1.0
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#### IV. About Us/ Contact Us:

Logo	Home	Men	Women	Kids	About Us	Contact Us
Information						

**Description** : Display Email id, address and contact number of the organization who is developing the system.

**From** : About Us/ Contact Us

**To** : Home/ Men/ Women/ Luggage/ Backpacks/ Bags/ Briefcases/  
Accessories/ Kids/ About Us/ Contact Us.

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	<b>Project Group No:</b> 02	LE MONG THUY
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Bronx Luggage	<b>Document Name:</b> Testing document	<b>SWD/Form</b> No.06/TD/Ver1.0
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## Testing document

Sr.No	Features Tested	Remarks
1	Functionality Testing	OK
-	Test the outgoing links from all the pages to the specific domain under test.	OK
-	Test all internal links.	OK
-	Test links jumping on the same page	OK
-	Test to see if there are any orphan pages.	OK
-	Link checking includes, checking for broken links in all the above-mentioned links.	OK
-	All the validations in each field.	OK
-	Check for default values in the fields.	OK
-	Wrong inputs in the forms to the fields in the forms.	OK
-	Options to create forms, if any, form deletes a view or modify the forms.	OK
2	Test for Navigation	OK
3	Usability Testing includes the following:	OK
-	The website should be easy to use	OK
-	The instructions provided should be very clear.	OK
-	Check if the instructions provided are perfect to satisfy its purpose	OK
-	The main menu should be provided on each page.	OK
-	It should be consistent enough	OK
4	Content Checking	OK
-	Content should be logical and easy to understand. Check for spelling errors.	OK
-	Guest can follow some standard colors that are used for web pages and content building. These are the commonly accepted standards about annoying colors, fonts, frames, etc	OK
-	Content should be meaningful. All the anchor text links should be working properly. Images should be placed properly in proper sizes.	OK

	<b>Prepared by (Student)</b> <b>Project Group No:</b> 02	<b>Approved by (Faculty)</b> LE MONG THUY
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Bronx Luggage	<b>Document Name:</b> Testing document	<b>SWD/Form</b> No.06/TD/Ver1.0
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-	These are some of the basic important standards that should be followed in web development. Your task is to validate everything for UI testing.	OK
5	Interface Testing	OK
-	Web server and application server interface	OK
-	Application server and Database server interface.	OK
6	Compatibility Testing	OK
-	Browser Compatibility	OK
-	OS Compatibility	OK
-	Mobile Browsing	OK
7	Performance Testing	OK
-	Web Load Testing	OK
-	Web Stress Testing	OK

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	<b>Project Group No: 02</b>	LE MONG THUY
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Bronx Luggage	<b>Document Name:</b> Final checklist	<b>SWD/Form</b> No.07/FC/Ver1.0
<b>Effective Date:</b> 14-01-2023	<b>Version</b> 1.0	<b>Page No:</b> 13 of 21

## Final checklist

Sr.No	Aspect Tested	Suggestion/ Remarks
1	Are all the users able to view the images and links?	OK
2	Have all the views, modules and controllers been properly integrated and is the site function as a single page application?	OK
3	Are the GUI content devoid of spelling mistakes?	OK
4	Is the application user-friendly?	OK
5	Is the Website launching correctly in all popular browsers?	OK
6	Are all the forms validated with proper criteria?	OK
7	Do all text links lead to the appropriate website?	OK
8	Do all image links lead to the appropriate website?	OK
9	Are all the images and links clearly visible on the page?	OK
10	Does the Web page work properly in all the tested browsers?	OK
11	Does the Web page take too long to be loaded fully?	OK
12	Is the navigation sequences correct through all the Web pages on the site?	OK
13	Is the JavaScript code working as expected in all click events?	OK

	<b>Prepared by (Student)</b> <b>Project Group No:</b> 02	<b>Approved by (Faculty)</b> LE MONG THUY
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Bronx Luggage	<b>Document Name:</b> Task Sheet	<b>SWD/Form</b> No.08/TS/Ver1.0
<b>Effective Date:</b> 14-01-2023	<b>Version</b> 1.0	<b>Page No:</b> 14 of 21

No	Member	Contents	Page Name	Activity Plan	Date of Preparation of Activity Plan		
				Planned Start Date	Actual Start Date	Actual Days	Status
1	LE NGUYEN LONG	index	index.html	14-01-2023	21-01-2023	5	OK
2		Home	Home.html	14-01-2023	21-01-2023	5	OK
3		Luggage	Luggage.html	14-01-2023	21-01-2023	5	OK
4		Bags	Bags.html	14-01-2023	21-01-2023	5	OK
1	HA VINH HUNG	Backpacks	Backpacks.html	14-01-2023	21-01-2023	5	OK
2		Briefcases	Briefcases.html	14-01-2023	21-01-2023	5	OK
3		Contact us	Contact us.html	14-01-2023	21-01-2023	5	OK
4		About us	About us.html	14-01-2023	21-01-2023	5	OK
1	TRAN DUY TAM	Men	Men.html	14-01-2023	21-01-2023	5	OK
2		Women	Women.html	14-01-2023	21-01-2023	5	OK
3		Kids	Kids.html	14-01-2023	21-01-2023	5	OK
4		Accessories	Accessories.html	14-01-2023	21-01-2023	5	OK

	<b>Prepared by (Student)</b>	<b>Approved by (Faculty)</b>
	<b>Project Group No:</b> 02	LE MONG THUY
<b>Signature</b>		
<b>Date</b>		