

TINY TOTS

Supervisor: *LÊ THANH NHÂN*

Semester: *01*

Batch No: *T1.2110.A0*

Group No: *2*

Order:	Full name	Roll No.
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<i>2.</i>	Nguyễn Thanh Huy	Student1341613
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Month: 01 Year: 2022

This is to certify that

Mr. NGUYỄN THÀNH TRUNG

Mr. NGUYỄN THANH HUY

Mr. NGUYỄN HOÀNG BẢO AN

Have successfully Designed & Developed

TINY TOTS

Submitted by:

Mr. LE THANH NHAN

Date Of Issue:

Authorized Signature:

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Acknowledge

To our understanding, eProject is a simulation of real life problems where we have the opportunity to apply our academic knowledge in solving actual concerns from a ‘virtual client’. Programming is not only about typing series of code but also about transferring creative, commercial ideas into tangible products (i.e. websites) to be run on electronic devices. We now know that a finished and polished application requires:

- ✓ Comprehension of the problem.
- ✓ Teamwork and close communication.
- ✓ Deep research into give topic.
- ✓ Execution of concepts in a phased manner.
- ✓ Frequent testing of functions to improve user experience.
- ✓ Utilize mentor’s advice.

We are grateful to receive guidance from our professor as well as support from other classmates during the course of this project. We also thank eProject – India APTECH for your “demo” project and tracking our progress to keep us motivated at all times.

Pardon for our shortcomings as there are many other skills and knowledge we lack of, but we always tried our best and never gave up. Since we have gained more experience from this project, we will not stop learning in order to be more successful in the future.

Your Sincerely,

Team Group 02

Synopsis

The Objective of this program is to demonstrate a front-end oriented project in which resembles a part of real life projects. Upon completion of this project, we will be able to construct a larger and more robust application.

The project requires us to apply our academic knowledge to create basic applications.

Hence, we would revisit past lessons before initiating.

This project is meant for students like us who have completed the module of HTML5/CSS/Javascript/AngularJS. These programs should be done in the Lab sessions with assistance of the faculty if required.

The website (in this project) is a made for a retail toddlers/babies' care retailer who is looking to expand their customer base via the Internet as well as to establish better connection with existing customers by providing news on products, discount events etc.

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.

Design Plan: Tiny Tots	Document Name: Problem Definition	SWD/Form: No.01/PD/Ver1.0
Effective Date: 10-01-2022	Version 1.0	Page No: 1 of 32

Problem Definition

During the period of 2019 and 2022, the world has been facing with a devastating pandemic called Covid-19. It changed everything that human society was accustomed to, from the way we communicated, how we worked, our daily routines, etc. Nowadays, a significant amount of people shops online to avoid direct contact with others, save the hassle of travelling to store, and enjoy better customer-oriented display that online stores offer. “TinyTots” Retail is a multi-brand kids’ outlet, which houses all needs and occasions for children aged 0-12 years. Adapting to the uprising trend, they wish to expand their business online. Their customers will be able to browse necessary products, check on availability as well as compare its quality all within a mouse-click on their computers, all to serve best interests of their babies.

Problem Statement:

1. Pages:
 - a. Home
 - b. About us
 - c. Products: Should be further categorized into
 - i. Baby care

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Design Plan: Tiny Tots	Document Name: Problem Definition	SWD/Form: No.01/PD/Ver1.0
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- ii. Fashion
 - iii. Toys
 - iv. Wellness & hygiene
 - d. Brands
 - e. Stores
 - f. News
 - g. Become franchise: If someone wish to be partner with them, related information needs to be included here.
 - h. Resources: Contact us & FAQs should be included here.
2. The Home Page should be created making use of Sections with a suitable logo, the header section can be added which will show images of various product images.
 3. The site must contain the links to navigate through any category for the information.

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Design Plan: Tiny Tots	Document Name: Problem Definition	SWD/Form: No.01/PD/Ver1.0
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4. The site should display a menu which will contain the options for brief introduction about the various products available, location of the shop and any other information if required.
5. The information should be categorized according to the brand names of the products like if a User wants to see only “funskool” products or any other company products then he/she can click on a Link/button/menu etc. and can see only that Brand products.
6. When a user selects any particular brand, a list of products for that brand will be displayed
7. A brief summary of features of the products should be displayed on the Web Page along with the picture but detailed Features should be stored in Individual Word documents which can be downloaded or viewed by the User who wishes to see the same.
8. The user should also be able to compare the various products of different as well as similar brands.
9. “Contact Us” will have the Address of the Company which should be displayed using GeoLocation API (eg. GoogleMaps) and the email address which when clicked will invoke the local mail client from where they can send an email.

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Design Plan: Tiny Tots	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
Effective Date: 10-01-2022	Version 1.0	Page No: 4 of 32

Customer Requirements Specifications

User:

Input:

- Search for types of products, brands
- Compare products
- Find store locations
- Look for FAQs
- Additional info. queries via email

Process:

- Check for product types, brands, detailed information
- Check store locations
- Identify users' FAQs
- Receive info queries and validate user's input

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Design Plan: Tiny Tots	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
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Output:

- Display product types, brands availability
- Display store locations
- Send feedbacks, requests via webmaster's email

Webmaster:

Input:

- Webmaster's login info
- Updates on company news, 'About us' page
- Products/brands information
- Respond to customers' feedbacks

Process:

- Check and validate login info
- Add/Edit/Delete updates on company news, 'About us' page
- Add/Edit/Delete information on selected products/brands

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Design Plan: Tiny Tots	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
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- Check and validate responses to feedbacks

Output:

- Notify login successful/failed
- Notify add/edit/delete updates successful/failed
- Notify add/edit/delete selected products/brands successful/failed
- Notify responses to feedbacks sent successfully/failed

Hardware / software requirement:

Software:

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Design Plan: Tiny Tots	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
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Server:

- ◆ OS with Windows XP SP2
- ◆ IE 5.0/Netscape 6.0
- ◆ SQL Server 2008
- ◆ Dreamweaver MX 2004
- ◆ Internet Information Services (IIS)

Client:

- ◆ IE 5.0/Netscape 6.0
- ◆ Flash player 8

Hardware:

Server:

- ◆ Pentium 4, 1.8 Ghz or better
- ◆ 512 MB of RAM
- ◆ 300MB of HDD capacities available

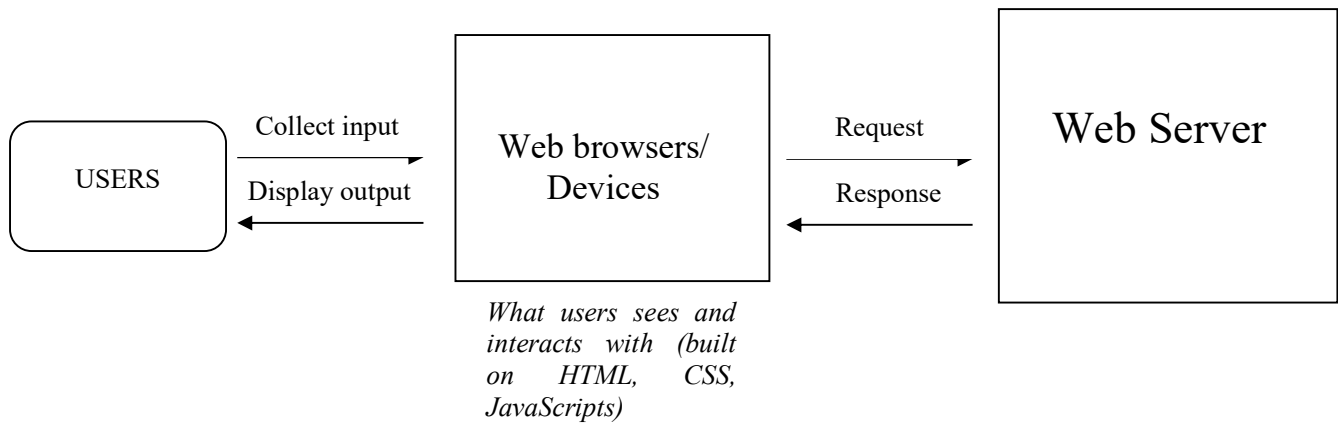
Client:

- ◆ Pentium 3, 500 Mhz
- 256 MB of RAM

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Design Plan: Tiny Tots	Document Name: Architecture and design of the project	SWD/Form No.03/ARD/Ver1.0
Effective Date: 10-01-2022	Version 1.0	Page No: 8 of 32

Architecture and design of the project

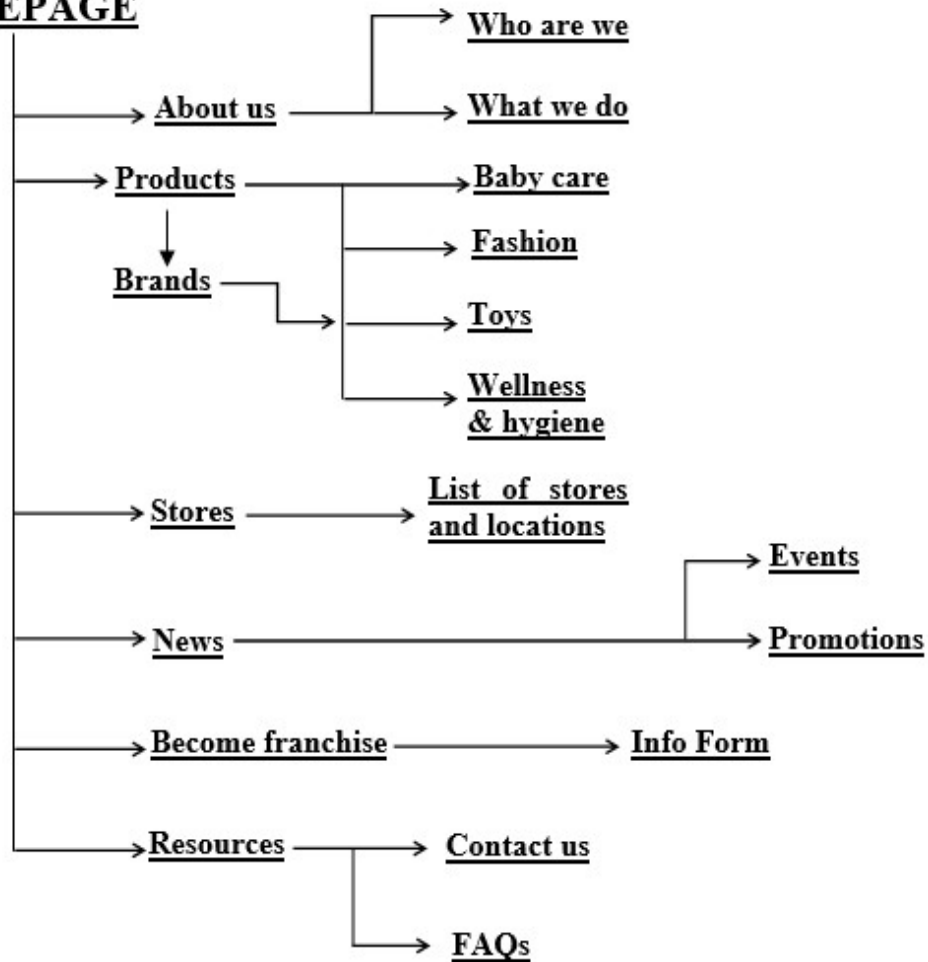


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Design Plan: Tiny Tots	Document Name: SiteMap	SWD/Form No.04/SM/Ver1.0
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SiteMap

HOMEPAGE



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Design Plan: Tiny Tots	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 10-01-2022	Version 1.0	Page No: 10 of 32

Screen shots

I. Homepage:

Banner size x size			
Logo	Search bar		Log in/Sign up/ Shopping cart
Menu bar: - Products/Brands: <ul style="list-style-type: none"> • baby care • fashion • toys • wellness & hygiene - Stores - News		<div style="text-align: center;"> <div style="display: inline-block; width: 20px; height: 20px; border: 1px dashed black; position: relative;"> < > </div> <div style="border: 1px dashed black; padding: 10px; margin: 10px auto; width: 80%;"> News/Product Carousel </div> </div>	
		Product Promotion 1	
		Product Promotion 2	
		Product Promotion 3	
- About us: <ul style="list-style-type: none"> • Who are we • What we do 	- Become franchise: <ul style="list-style-type: none"> • Info form 	- Resources: <ul style="list-style-type: none"> • Contact us • FAQs 	Methods of payments
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Design Plan: Tiny Tots	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 10-01-2022	Version 1.0	Page No: 11 of 32

Description : Homepage introduces links to other pages and product promotions

From : Main page of the website

To : Navigate to Product, Stores About us, Resources, Become franchise page

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Design Plan: Tiny Tots	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
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II. Product page:

Banner size x size			
Logo	Search bar		Log in/Sign up/ Shopping cart
Menu bar: - Products/Brands: baby care, fashion, toys, wellness & hygiene			
<div style="text-align: center;"> < <div style="border: 1px dashed black; padding: 10px; display: inline-block;">Product Carousel</div> > </div>			
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 20%;"> <div style="border: 1px dashed black; padding: 2px; margin-bottom: 5px;">Baby care</div> <div style="border: 1px dashed black; padding: 2px; margin-bottom: 5px;">Fashion</div> <div style="border: 1px dashed black; padding: 2px; margin-bottom: 5px;">Toys</div> <div style="border: 1px dashed black; padding: 2px;">Wellness & Hygiene</div> </div> <div style="width: 75%;"> <div style="display: grid; grid-template-columns: repeat(4, 1fr); gap: 5px;"> <div>Product 1</div><div>Product 2</div><div>Product 3</div><div>Product 4</div> <div>Product 5</div><div>Product 6</div><div>Product 7</div><div>Product 8</div> <div>Product 9</div><div>Product 10</div><div>Product 11</div><div>Product 12</div> <div>Product 13</div><div>Product 14</div><div>Product 15</div><div>Product 16</div> </div> </div> <div style="width: 15%; border: 1px solid black; padding: 5px; font-size: 0.8em;"> Checkbox for product box. When selected, comparison side nav will pop up </div> </div>			
- About us: <ul style="list-style-type: none"> Who are we What we do 	- Become franchise: <ul style="list-style-type: none"> Info form 	- Resources: <ul style="list-style-type: none"> Contact us FAQs 	Methods of payments
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Design Plan: Tiny Tots	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 10-01-2022	Version 1.0	Page No: 13 of 32

Description : Product page displays products being offered from the seller. There are options to filter product according to types, brands, etc.

From : Homepage

To : Navigate to Product details, Stores About us, Resources, Become franchise page

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Design Plan: Tiny Tots	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
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III. About us page:

Banner size x size			
Logo	Search bar		Log in/Sign up/ Shopping cart
Menu bar: - Products/Brands: <ul style="list-style-type: none"> • baby care • fashion • toys • wellness & hygiene - Stores - News		<div>Who are we</div> <div>What we do</div>	
- About us: <ul style="list-style-type: none"> • Who are we • What we do 	- Become franchise: <ul style="list-style-type: none"> • Info form 	- Resources: <ul style="list-style-type: none"> • Contact us • FAQs 	Methods of payments
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Design Plan: Tiny Tots	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
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Description : Our About us page is focuses on highlighting the company's brand story, creating a strong first impression on customers who are interested in the product and the business.

From : Homepage

To : Navigate to ‘Who are we’, ‘What we do’ subsections; Product, Stores About us, Resources, Become franchise page

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Design Plan: Tiny Tots	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 10-01-2022	Version 1.0	Page No: 16 of 32

IV. News Page:

Banner size x size			
Logo	Search bar	Log in/Sign up/ Shopping cart	
Menu bar: - Products/Brands: <ul style="list-style-type: none"> baby care fashion toys wellness & hygiene - Stores - News	Topic 1	Topic 2	Topic 3
	Content 1		
	Content 2		
	Content 3		
	Content 4		
- About us: <ul style="list-style-type: none"> Who are we What we do 	- Become franchise: <ul style="list-style-type: none"> Info form 	- Resources: <ul style="list-style-type: none"> Contact us FAQs 	Methods of payments
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Design Plan: Tiny Tots	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 10-01-2022	Version 1.0	Page No: 17 of 32

Description : The News page will keep you informed about promotion events, products already in store and about to arrive.

From : Homepage

To : Navigate to ‘Content’ subsections; Product, Stores, About us, Resources, Become franchise page

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Design Plan: Tiny Tots	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 10-01-2022	Version 1.0	Page No: 18 of 32

V. Store Page:

Banner size x size			
Logo	Search bar		Log in/Sign up/ Shopping cart
Menu bar: - Products/Brands: <ul style="list-style-type: none"> • baby care • fashion • toys • wellness & hygiene - Stores - News		<div> <div>List of stores</div> <div>Store locations on Map</div> </div>	
- About us: <ul style="list-style-type: none"> • Who are we • What we do 	- Become franchise: <ul style="list-style-type: none"> • Info form 	- Resources: <ul style="list-style-type: none"> • Contact us • FAQs 	Methods of payments
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Design Plan: Tiny Tots	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 10-01-2022	Version 1.0	Page No: 19 of 32

Description : The Store page will help you find the store closest to you, or stores that are already available nationwide. The page will display both the address and a map to make it as easy as possible for you to find.

From : Homepage

To : Navigate to Product, Stores, About us, Resources, Become franchise page

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Design Plan: Tiny Tots	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 10-01-2022	Version 1.0	Page No: 20 of 32

VI. Become franchise page:

Banner size x size			
Logo	Search bar		Log in/Sign up/ Shopping cart
Menu bar: - Products/Brands: <ul style="list-style-type: none"> • baby care • fashion • toys • wellness & hygiene - Stores - News		<div>SENDER INFORMATION</div> <div>BECOME FRANCHISE INFO FORM</div>	
- About us: <ul style="list-style-type: none"> • Who are we • What we do 	- Become franchise: <ul style="list-style-type: none"> • Info form 	- Resources: <ul style="list-style-type: none"> • Contact us • FAQs 	Methods of payments
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Design Plan: Tiny Tots	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 10-01-2022	Version 1.0	Page No: 21 of 32

Description : The “Become franchise” page will help potential investors connect and schedule meetings with the parent company as soon as possible.

From : Homepage

To : Navigate to Product, Stores, About us, Resources, Become franchise page

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Design Plan: Tiny Tots	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
Effective Date: 10-01-2022	Version 1.0	Page No: 22 of 32

VII. Resources Page:

Banner size x size			
Logo	Search bar		Log in/Sign up/ Shopping cart
Menu bar: - Products/Brands: <ul style="list-style-type: none"> • baby care • fashion • toys • wellness & hygiene - Stores - News		<div>CONTACT TINY TOTS STORE</div> <div>FORM CONTACT US</div> <div>FAQs</div>	
- About us: <ul style="list-style-type: none"> • Who are we • What we do 	- Become franchise: <ul style="list-style-type: none"> • Info form 	- Resources: <ul style="list-style-type: none"> • Contact us • FAQs 	Methods of payments
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Design Plan: Tiny Tots	Document Name: Screen shots	SWD/Form No.05/SS/Ver1.0
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Description : The resource page includes contact us and FAQs subsections. Contact us and we will help you resolve your comments and complaints about our operation. And the FAQ will provide you answers to frequently asked questions.

From : Homepage

To : Navigate to contact us, FAQs

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Design Plan: Tiny Tots	Document Name: Testing document	SWD/Form No.06/TD/Ver1.0
Effective Date: 10-01-2022	Version 1.0	Page No: 24 of 32

Testing document

Sr.No	Features Tested	Remarks
1	Does Homepage display working links to other pages?	
2	Is the Web page responsive to various resolutions?	
3	Does the GeoLocation API show correct address of the Company?	
4	Does product categorization function properly?	
5	Is search bar providing results upon execution?	
6	Do product cards offer direct view and download options for product details?	
7	Are the contents useful and informative to the users?	
8	Is the web footer consistent on every page of the site?	
9	Do the links used to send an email to an admin or other users from web pages work?	
10	Is the site free of any HTML syntax errors?	
11	Are the forms available in websites applying validation methods to input?	
12		
13		

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Design Plan: Tiny Tots	Document Name: Final checklist	SWD/Form No.07/FC/Ver1.0
Effective Date: 10-01-2022	Version 1.0	Page No: 25 of 32

Final checklist

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

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Design Plan: Tiny Tots	Document Name: Final checklist	SWD/Form No.07/FC/Ver1.0
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13	Is the JavaScript code working as expected in all click events?	
14	Does Homepage display working links to other pages?	
15	Is the Web page responsive to various resolutions?	
16	Does the GeoLocation API show correct address of the Company?	
17	Does product categorization function properly?	
18	Is search bar providing results upon execution?	
19	Do product cards offer direct view and download options for product details?	
20	Are the contents useful and informative to the users?	
21	Is the web footer consistent on every page of the site?	
22	Do the links used to send an email to an admin or other users from web pages work?	
23	Is the site free of any HTML syntax errors?	
24	Are the forms available in websites applying validation methods to input?	

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Design Plan: Doodle New Search Tool	Document Name: Task Sheet	SWD/Form No.08/TS/Ver1.0
Effective Date: 01-01-2002	Version 1.0	Page No: 27 of 32

No	Member	Contents	Page Name	Activity Plan	Date of Preparation of Activity Plan		
				Planed Start Date	Actual Start Date	Actual Days	Status
1	Nguyễn Thành Trung	Homepage	Homepage.html	10/1/2022	12/1/2022	25	Completed
		About us	About_us.html	10/1/2022	12/1/2022		Completed
		Products	Products.html	10/1/2022	12/1/2022		Completed
2	Nguyễn Thanh Huy	Brands	Brands.html	10/1/2022	12/1/2022	25	Completed
		Stores	Stores.html	10/1/2022	12/1/2022		Completed
		News	News.html	10/1/2022	12/1/2022		Completed
3	Nguyễn Hoàng Bảo An	Become franchise	Become_franchise.html	10/1/2022	12/1/2022	25	Completed
		Resources	Resources.html	10/1/2022	12/1/2022		Completed

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