

1. Introduction

a) Project Profile

Project Title	Baby Care
Platform	Windows 7,8,10,11
Front-end	Laravel 8
Technology	Laravel 8
Back-end	MySql 5.7
Submission Date	7-10-2022
Project Guide	Dr. Rushi Raval
Developed By	Veenchhee Teena
Submitted to	Shree G.K & C.K. Bosamia College, jetpur

b) Project Abstract

- This project is basically designed and developed for online selling of babies product.
- Due to online selling of babies product it would be easy for customer or user to purchase the product easily by saving their time and energy.
- Varieties of the products are available which satisfy the needs of the user.
The products are also available at a reasonable price.

2. Analysis

a) Requirement Analysis

- Requirement Analysis, also known as Requirement Engineering, is the process of defining user expectations for new software being built or modified.
- Requirements analysis encompasses those tasks that go into determining the needs or conditions to meet for a new or altered product or project, analyzing, documenting, validating and managing software or system requirements.
- Here are the main activities involve in requirement analysis:
 - Identify customer's needs.
 - Evaluate system for feasibility.
 - Perform economic and technical analysis.
 - Allocate functions to system elements.
 - Establish schedule and constraints.
 - Create system definitions.

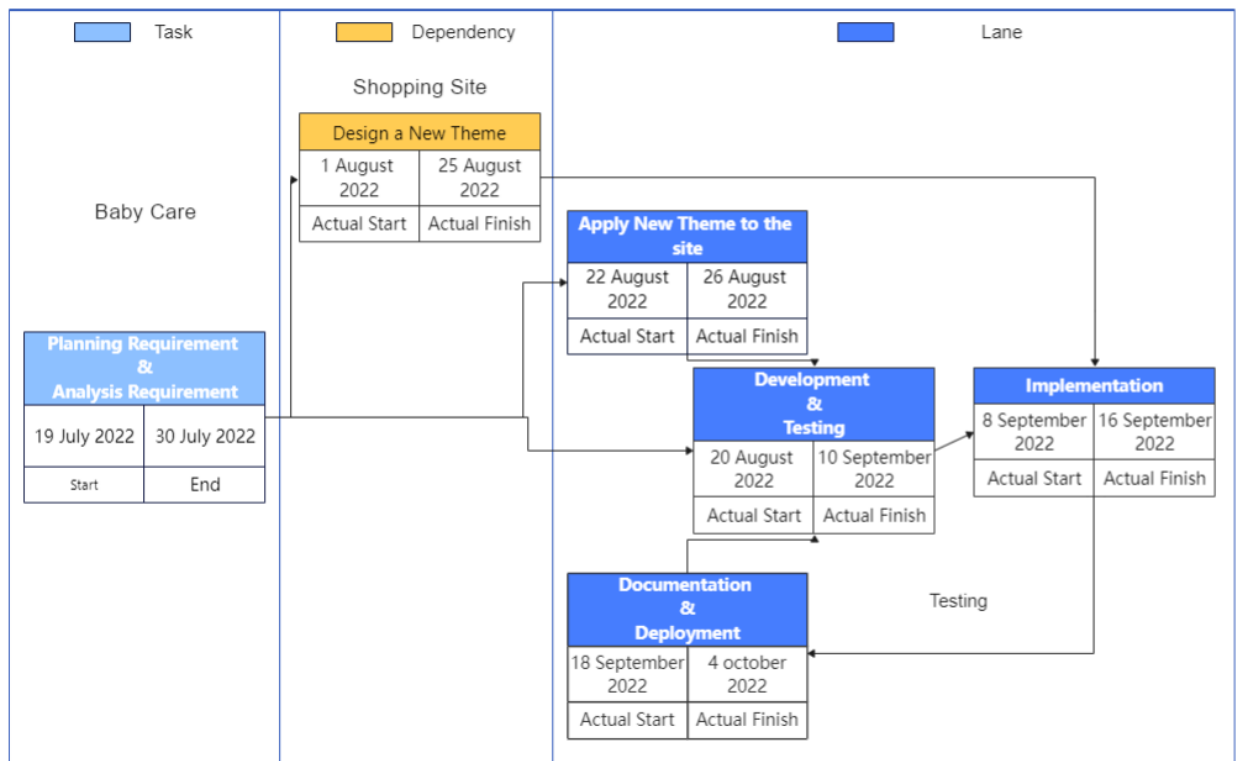
b) Current System

- The current system whose deficiency affects the company's growth and overall performance.
- The Drawback of the current system is:-
- The products are being sold manually. So it is time consuming and some time it doesn't satisfy the need of the user.
- Varieties cannot be available to the user many times.
- The company requires interacting with each and every customer to satisfy their requirements.

c) Proposed System

- The “Proposed System” is system through which customer can solve their any complain related to software.
- First it accept the client complain and store it in the database and then compare it with the software.
- Proposed system has a good user interface and it’s totally user oriented.
- To overcome the problems in the current system the new system has been establish, that is online selling of babies product.
- Due to this user needs is being satisfied and time is also being saved.

d) Pert Chart



e) **Gantt Chart**



3. **Feasibility study**

- Feasibility is the measure of how beneficial or practical the development of information system will be to an organization.
- Feasibility analysis is the process by which feasibility is measured.
- In today's fast growing technological environment, it is imperative for any organization - be it a corporate or government one - to use the power of information technology. The benefits of computerization will not only make the process flow simple but also uplift standards of manpower working in an organization and increase efficiency and productivity.
- It is very important to do preliminary investigations regarding the development of the system. Thus before implementing the project, it is necessary to test the feasibility of the project. As an outcome of feasibility analysis phase, the feasibility of the system is determined.
- There are many types of feasibility they are :-
- **Technical Feasibility:-**
 - The development of the system is technically feasible as the various technological needs for the development and deployment are fulfilled. The system should be developed by using familiar software and hardware. It describes whether our project is technical feasible or not. High speed processors make system more feasible.
- **Economic Feasibility :-**
 - Economic feasibility includes the development cost, operation cost, maintenance cost made for the project. If the developer is not economic feasible then it cannot make their project.

4. About Back-end

○ MySqli

- MYSQLI is a database management system.
- MYSQLI is a relational database management system.
- MYSQLI software is open source. The MYSQLI database server is very fast, reliable, and easy to use.
- MYSQLI server works in client/server or embedded.

5. About Front-end

○ Introduction Of HTML

- A simple markup language used to create hypertext documents that are portable from one platform to another. HTML files are simple ASCII text files with codes embedded (indicated by markup tags) to denote formatting and hypertext links.
- Many people who use HTML to create Web pages or other documents find Notepad a useful tool for writing in HTML. Because Notepad supports only very basic formatting, you cannot accidentally save special formatting in documents that need to remain pure text.
- Many word processors provide additional tools or converters to help you create HTML documents. But, if you are creating simple pages or if you want to make a few quick changes, Notepad opens files quickly. Also, Notepad shows all of the HTML tags so you can troubleshoot your page. Not all word processors or converters make the HTML code available.

○ Introduction Of CSS

- CSS stands for Cascading Style Sheets and is a simple styling language which allows attaching style to HTML elements.
- Style Sheets are templates, very similar to templates in desktop publishing applications, containing a collection of rules declared to various selectors (elements).
- Cascade is a method of defining the weight (importance) of individual styling rules thus allowing conflicting rules to be sorted out should such rules apply to the same selector.

○ Introduction Of JavaScript

- JavaScript was designed to add interactivity into HTML pages.
- JavaScript is a scripting language (a light weight programming language).

- A JavaScript consists of lines of executable computer codes.
- A JavaScript is usually embedded directly into HTML pages.
- JavaScript is an interpreted language (means that script execute without preliminary compilation).
- Everyone can use JavaScript without purchasing a license.

○ **Introduction Of PHP**

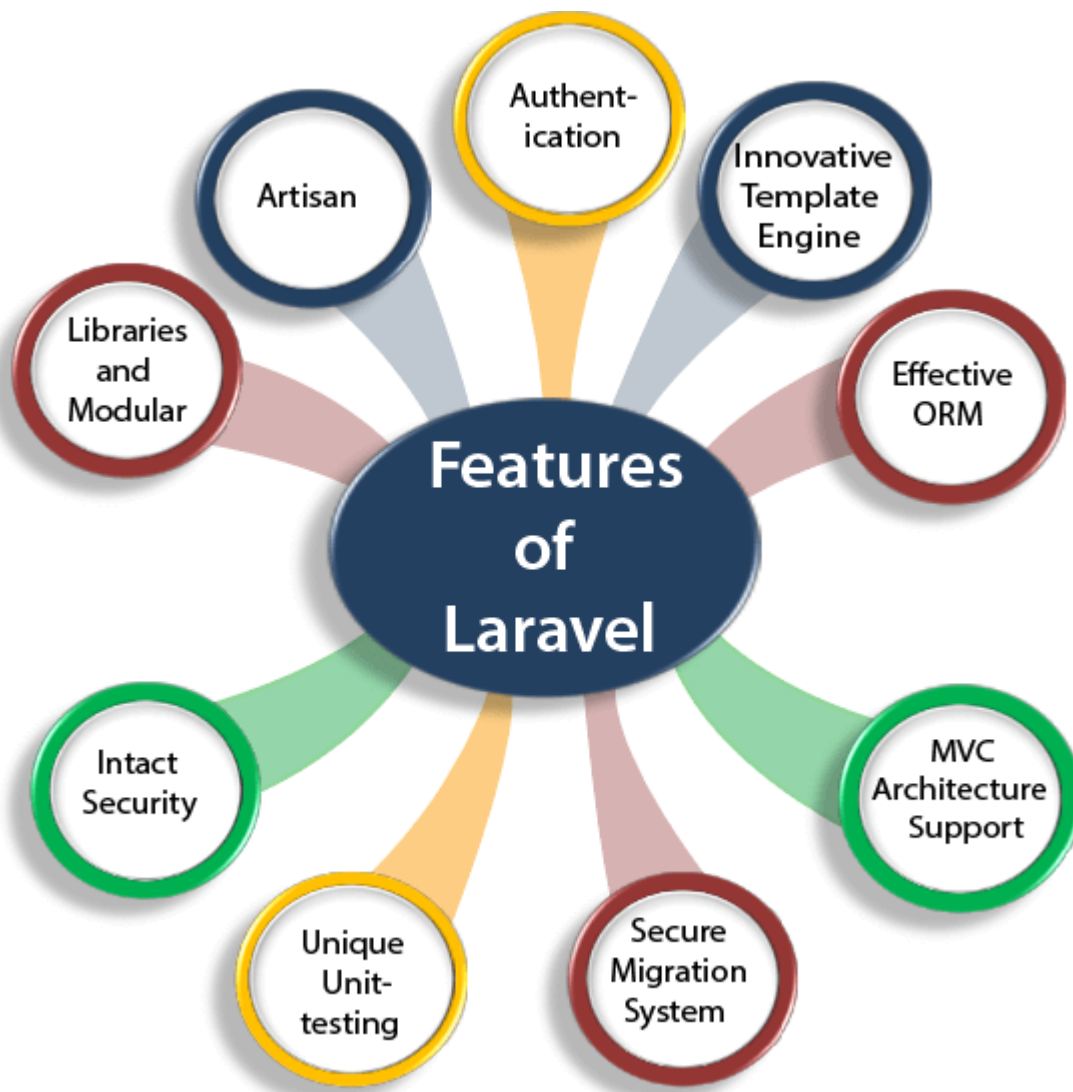
- PHP can be defined as," a Language that is used to develop web Page. The main use of PHP is to generate Dynamic Effects with the Help of function and scripting languages i.e. JavaScript, VBScript Etc...
- The full form of PHP is Personal Home Page. It is also known as 'Hypertext Preprocessor'. Resumes Leadoff Software Engineer, Apache team Member is the creator and original deicing force behind PHP. The first past of PHP was developed for his personal use in late 1994. By the middle of 1997, PHP was being user on approximately 50,000 sites worldwide web.
- PHP is server site scripting language, which can be embedded in HTML or use as a stand-Alone. PHP is case- sensitive language. In fact, most of what PHP does is invisible to the end user. PHP is an official module of Apache HTTP server.

○ **Introduction Of Bootstrap**

- Bootstrap is a free and open-source tool collection for creating responsive websites and web applications.
- It is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first websites.
- It solves many problems which we had once, one of which is the cross-browser compatibility issue. Nowadays, the websites are perfect for all the browsers and for all sizes of screens (Desktop, Tablets, and Phones).

○ Introduction Of Laravel

- Laravel is a PHP based web framework for building high-end web applications using its significant and graceful syntaxes. It comes with a robust collection of tools and provides application architecture. Moreover, it includes various characteristics of technologies like ASP.NET MVC, CodeIgniter, Ruby on Rails, and many more. This framework is an open-source framework. It facilitates developers by saving huge time and helps reduce thinking and planning to develop the entire website from scratch.



6. Software Requirement And Specification

a) Introduction

- ☐ A **software requirements specification (SRS)** includes in-depth descriptions of the software that will be developed.
- ☐ Functional requirement as well as hardware and software requirement is also identified while software requirement and specification.
- ☐ It also includes the yield and cost of the software.

b) Functional Requirement

- ☐ User can surf the website but if user want to buy a product then user must have to register.
- ☐ User can Contact us via form.
- ☐ Admin only can insert, update or delete the category and product as per requirement.
- ☐ Cash on delivery.

c) Hardware And Software Requirement

- ☐ Window 7 to window 11
- ☐ MS office
- ☐ xampp
- ☐ Chrome
- ☐ 2.4 GHz. Processor
- ☐ 4 GB RAM
- ☐ VS code

7. Data Dictionary

○ Table Name : admin_details

○ Description: This table provide all the personal information of admin.

<u>Field</u>	<u>Data type</u>	<u>Constraint</u>
admin_id	integer	primary key , ai
admin_name	string	not null
admin_email	string	not null
admin_phone	biginteger	not null
admin_psw	string	not null
admin_pic	Text	not null
admin_address_line1	Text	not null
admin_address_line2	Text	not null
admin_city	Text	not null
admin_state	Text	not null
admin_pincode	biginteger	not null
admin_verification_question	Text	not null
admin_verification_answer	Text	Not null
admin_status	tinyint(1)	Not null

○ Table Name : category

○ Description : Provide all information of category .

<u>Field</u>	<u>Data type</u>	<u>Constraint</u>
cat_id	integer	primary key ai
cat_name	string	not null
cat_img	text	not null
cat_status	boolean	not null

○ **Table Name : brand**

○ **Description : Provide all information of brands .**

<u>Field</u>	<u>Data type</u>	<u>Constraint</u>
brand_id	integer	primary key ai
brand_name	string	not null
brand_logo	text	not null
brand_status	integer	not null

○ **Table name : contact**

○ **Description : Provide all the details of customer and other users who want to contact Baby Care.**

<u>Field</u>	<u>Data type</u>	<u>Constraint</u>
con_id	integer	primary key ai
con_name	string	not null
con_email	string	not null
con_sub	string	not null
con_messege	text	not null

○ **Table Name : cart**

○ **Description : Provide details of product , user id and total amount of product which is sold.**

<u>Field</u>	<u>Data type</u>	<u>Constraint</u>
cart_id	integer	primary key ai
user_id	integer	not null
pro_id	text	not null
Total_price	bigint(20)	not null

○ **Table name : feedback**

○ **Description : Contain product review.**

<u>Field</u>	<u>Data type</u>	<u>Constraint</u>
feed_id	integer	primary key ai
Pro_id	integer	not null
User_id	integer	not null
feed_sub	string	not null
feed_messege	text	not null
Feed_status	Boolean	Not null

○ **Table Name : user**

○ **Description : Contain user details.**

<u>Field</u>	<u>Data type</u>	<u>Constraint</u>
user_id	integer	primary key , ai
user_name	string	not null
user_email	string	not null
user_phone	biginteger	not null
user_psw	string	not null
user_pic	Text	not null
user_address_line1	Text	not null
user_address_line2	Text	not null
user_city	Text	not null
user_state	Text	not null
user_pincode	biginteger	not null
user_verification_question	Text	not null
user_verification_answer	Text	Not null
user_status	boolean	Not null

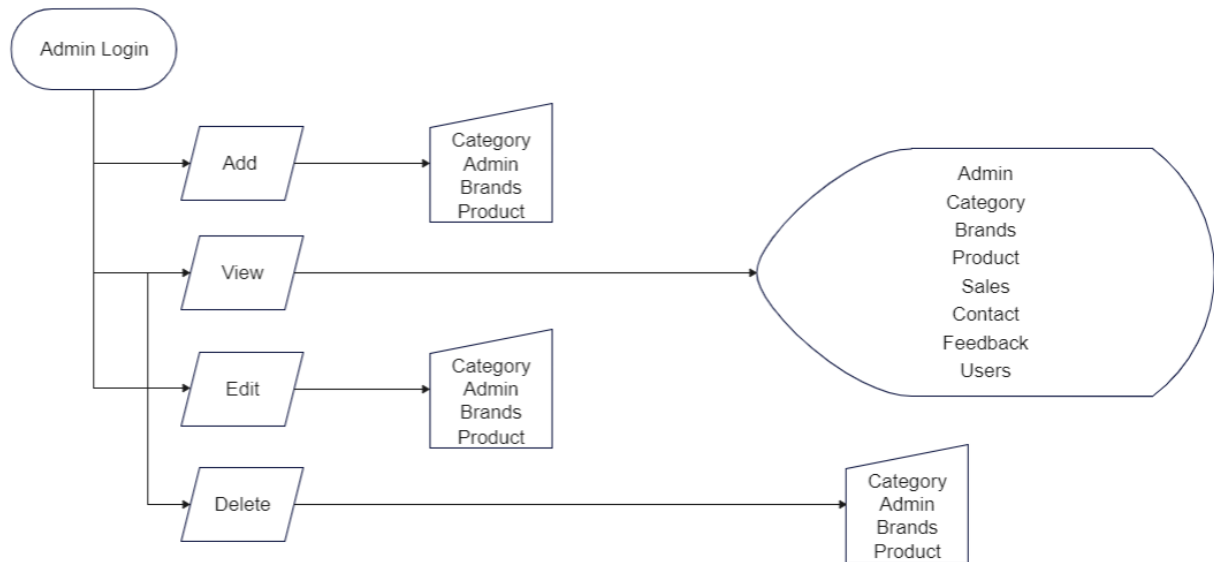
○ **Table Name : product**

○ **Description : Contain product details.**

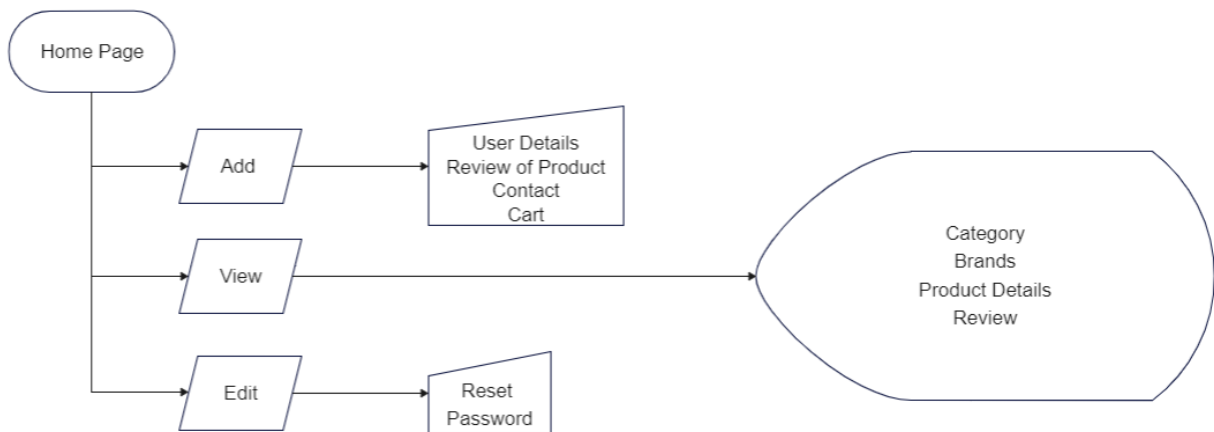
<u>Field</u>	<u>Data type</u>	<u>Constraint</u>
pro_id	integer	primary key ai
cat_id	integer	not null
brand_id	integer	not null
Pro_name	string	not null
pro_price	biginteger	not null
pro_img	text	not null
pro_unit	text	not null
pro_description	text	not null
pro_status	text	not null
pro_details	text	not null
pro_status	boolean	not null

8. Flow Chart

Admin side

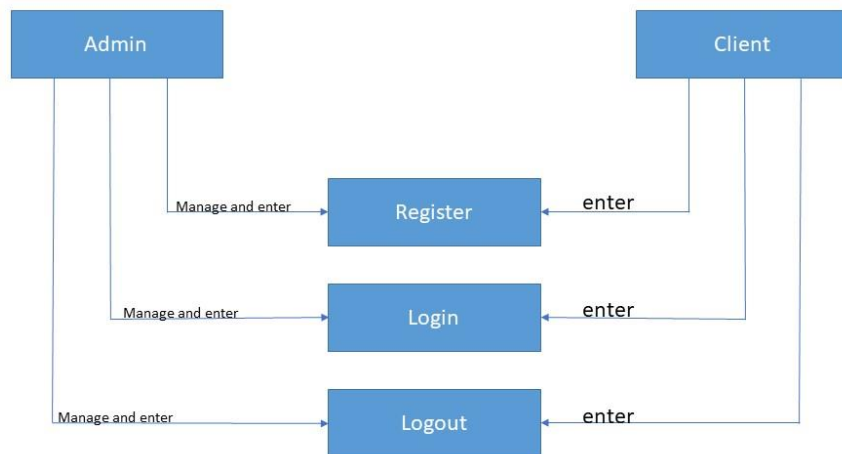


Client side



9. Data Flow Diagram

0 level client side



Manage: create , delete , update and view

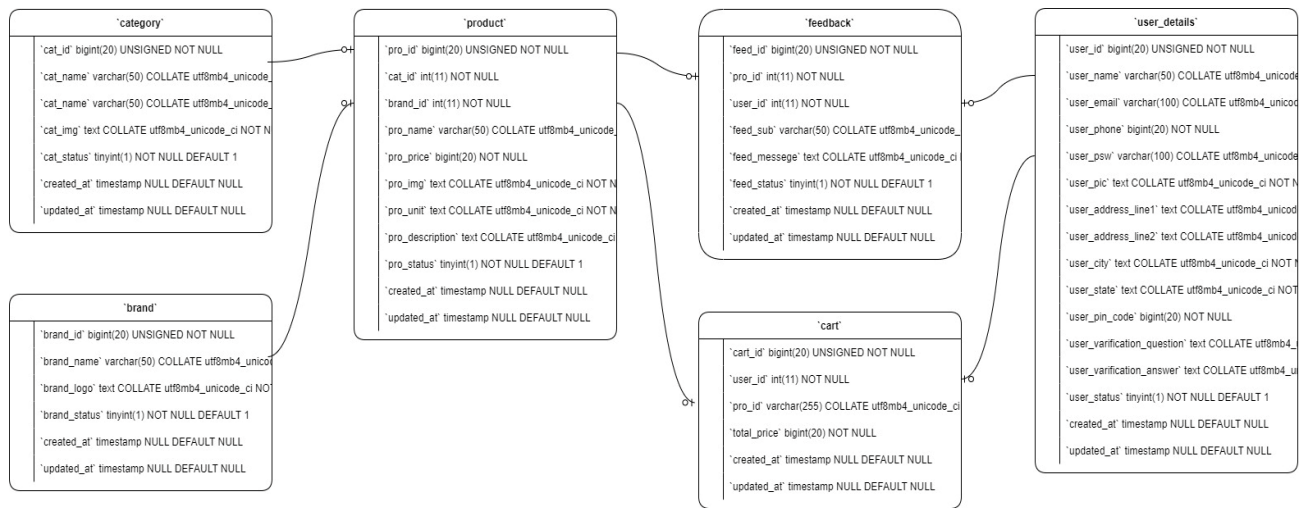
Level 1 Client



Level 1 Admin



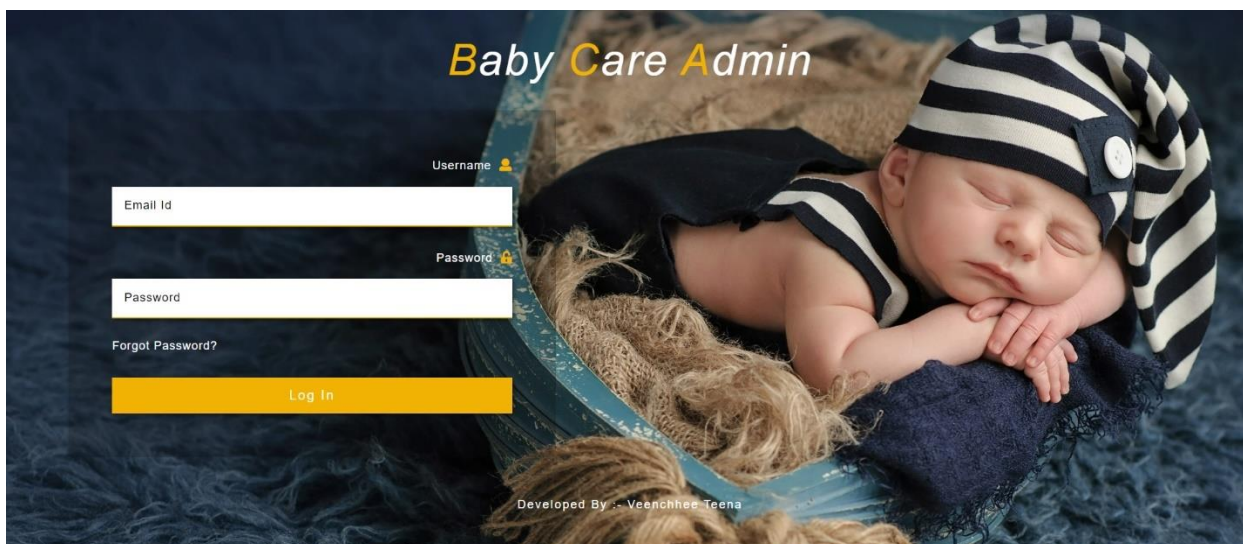
10. ER Diagram



11. Screen Layouts


Admin side layouts

Login Page




The login page features a background image of a sleeping baby in a blue boat with a striped hat. The title "Baby Care Admin" is displayed in yellow and white text. The login form includes fields for "Email Id" and "Password", a "Forgot Password?" link, and a yellow "Log In" button. The text "Developed By :- Veenchhee Teena" is at the bottom.

Baby Care Admin

Username 

Email Id

Password 

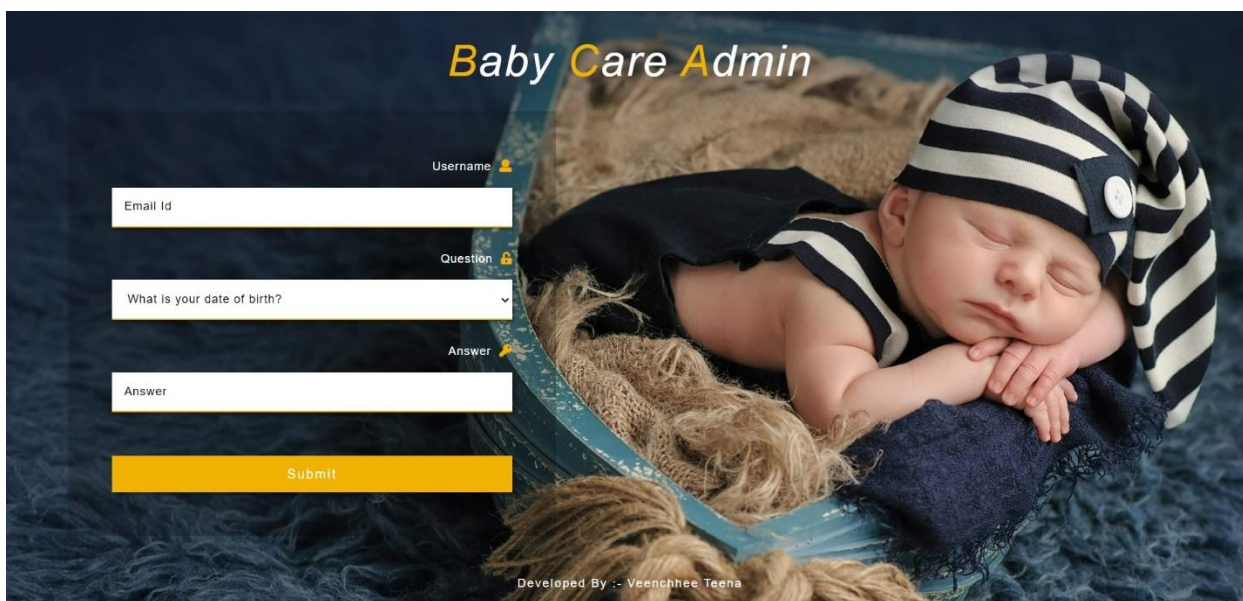
Password

[Forgot Password?](#)

[Log In](#)


Developed By :- Veenchhee Teena

Forgot Password





The forgot password page features the same background image and title as the login page. The form includes fields for "Email Id", "Question" (a dropdown menu with "What is your date of birth?" selected), "Answer", and a yellow "Submit" button. The text "Developed By :- Veenchhee Teena" is at the bottom.


Baby Care Admin

Username 

Email Id

Question 

What is your date of birth? 

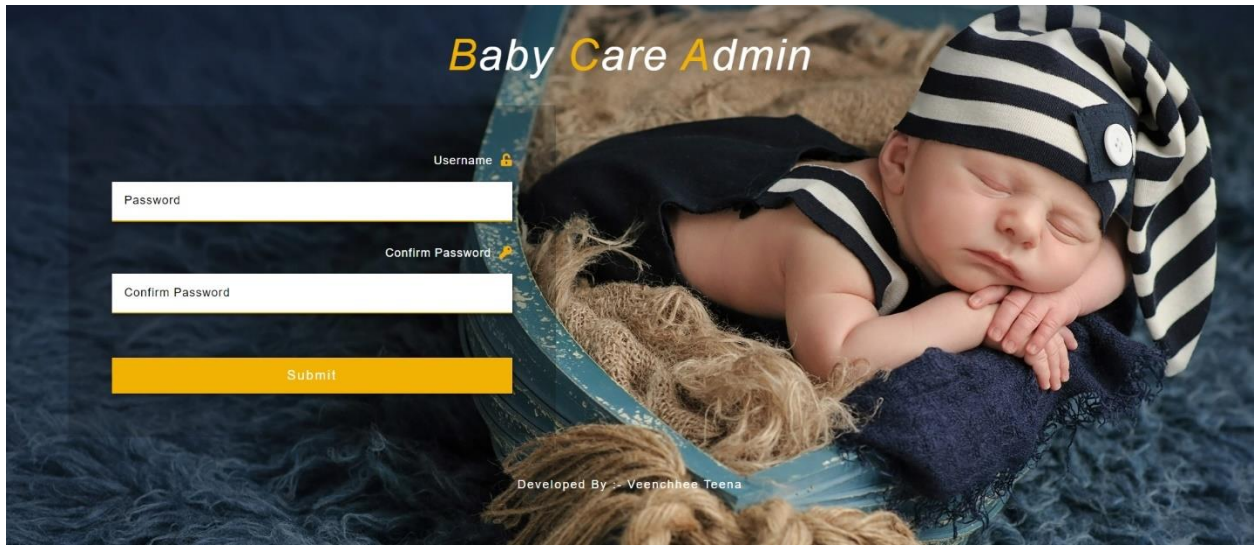
Answer 

Answer


[Submit](#)

Developed By :- Veenchhee Teena


Reset Password



Baby Care Admin

Username 

Password

Confirm Password 


Confirm Password

Submit

Developed By :- Veenchhee Teena

Add Admin

BABY CARE

Teena 
Dashboard
View
Add
Add New Admin

Add Admin

Add Details

Name

Email

Password

Phone

Image

Address Line 1

Address line 2

City

State


Pin-code

Select Question

Answer

Category Page

BABY CARE

Teena 
Dashboard
View
Add
Add New Admin

Add Category

Baby Product Category

Name

Image

Choose File

No file chosen


Submit

Cancel

Developed BY :- Veenchhee Teena

Brand Page

BABY CARE

Teena 
Dashboard
View
Add
Add New Admin

Add Brands

Baby Products Brands

Brand Name

Brand Logo

Choose File

No file chosen

Submit

Cancel

Developed BY :- Veenchhee Teena

Product Page

BABY CARE

Teena 

 Dashboard

 View

 Add

 Add New Admin

Add Product

Baby Care Product

Product Name

Select Category

Select Brand

Product Price

Image

Enter Unit In ML

Product Description

Developed BY :- Veenchhee Teena

View Category


BABY CARE

Teena 


 Dashboard

 View

 Add


 Add New Admin

View Category


ID	NAME	IMAGE	ACTION	STATUS
1	Lotion		 	
2	Sampoo		 	
3	Cream		 	
4	BodyWash		 	
5	HairOil		 	
6	SunScreen		 	
8	MassageOil	 Massage Oil	 	

View Brand

BABY CARE

Teena 
Dashboard
View
Add
Add New Admin

View Brands

ID	NAME	IMAGE	ACTION	STATUS
1	Mamaearth		 	
2	Himalaya		 	

Developed BY :- Veenchhee Teena

View Product

BABY CARE

Dashboard

View

Add

Add New Admin

View Product

ID	NAME	PRICE	IMAGE	UNIT	DESCRIPTION	ACTION	STATUS
1	Gentle Cleansing Shampoo	399		400 ML	It is enriched with the goodness of Coconut-based cleansers and Jojoba Oil. They help nourish the skin and increase its moisture content. It is tear-free, gentle yet efficient, with a 5.6 pH level – best suited for baby skin.	  	
2	Milky Soft Shampoo with Oats, Milk and Calendula	449		400 ML	Hair as soft as a feather and as smooth as silk! All thanks to the nourishing and conditioning natural ingredients present in the Milky Soft Shampoo. Say hello to your baby's healthy, bouncy and silky hair. Flaky and Itchy scalp don't stand a chance with safe and gentle Milky Soft Shampoo! Oats, Milk and Calendula come together to nourish the scalp after every wash, leaving you with a happy baby who loves bath time. Splish-splash, it's your munchkin's bath time. Cleanse your baby's scalp and hair gently, keeping them healthy. Don't worry about spill-up either, as the shampoo is tear-free. So, say goodbye to itchy and say hello to clean and fresh-smelling hair.	  	
3	Nourishing Hair Oil for Babies with Almond Oil	399		200 ML	With a blend of 100% natural & nourishing ingredients such as Almond, Argan, Avocado oil and more, this oil helps in nourishing the scalp and aids in the growth of healthier hair. A wholesome nourishment for your baby's head, from scalp to the tip of their hair, the oil is everything your baby needs for healthy & soft hair. An effective combination of Almond and Coconut Oil soothes irritation and comforts scalp with cradle cap. Enriched with Vitamin E, it moisturizes and loosens cradle cap while nourishing the scalp.	  	
4	Milky Soft Body Wash	499		400 ML	It has anti-inflammatory properties which help soothe the baby's skin. It also helps maintain moisture, and hydrates the skin. Mamaearth's Milky Soft Body Wash with Milk Protein Milk Protein & keeps skin hydrated and keeps the moisture content intact. It also reduces allergic infections like rashes. Baby Body Wash with Calendula Calendula: It is rich in Vitamin E & amino acids, which deeply nourishes the skin. It also has anti-fungal, antioxidant & anti-inflammatory benefits. Mamaearth Baby Body Wash with Citric Acid Citric Acid: It helps clean the skin properly but gently. It also helps in maintaining the optimum pH level of the skin.	  	
5	Deeply Nourishing	399		400 ML	Coconut Oil : it reduces the chances of developing irritation or inflammation on the skin. It increases moisture retention and prevents the skin from becoming too dry. Baby body wash contains Essential Oil Orange Essential Oil: It is an antiseptic and an anti-inflammatory ingredient. Vitamin C present in this oil helps in protecting and healing the skin. Best baby body wash in India with Jojoba Oil Jojoba Oil: It is rich in essential vitamins and minerals, including Vitamin E and B-complex, Zinc, Copper, Selenium, Chromium, and Iodine, which provide nourishment to baby's skin. Deeply Nourishing Body Wash for babies with aloe vera extract Aloe Vera Extract: It is a gel extracted from plants, and has immense power to heal and moisturize the skin while being gentle.	  	
6	Moisturizing Daily Lotion	199		200 ML	Shea Butter : it nourishes the skin from within while moisturizing it deeply. mamaearth Moisturizing Daily Lotion with Cocoa Butter Cocoa Butter: It is an excellent remedy for naturally healing any damaged or dry skin. Mamaearth baby lotion for skin with rich Vitamin E, it soothes the skin. It is also rich in essential vitamins and minerals, including Vitamin E and B-complex, Zinc, Copper, Selenium, Chromium, and Iodine, which provide nourishment to baby's skin. Deeply Nourishing Body Wash for babies with aloe vera extract Aloe Vera Extract: It is a gel extracted from plants, and has immense power to heal and moisturize the skin while being gentle.	  	
7	gentle baby shampoo	190		200 ML	Chickpea : Chickpea helps nourish and gives shine to hair. Hibiscus : Hibiscus, A well known hair conditioner, Hibiscus helps moisturize baby's hair. Plus Grass : Grass is revered for its cooling, antibacterial and antifungal properties. Softens, nourishes, and improves hair faster. Himalaya Gentle baby Shampoo is a mild, "no tears" shampoo that gently cleanses hair making it soft, shiny, and easy to manage.	  	
8	Baby Hair Oil	220		200 ML	Himalaya baby Hair Oil is specially formulated for babies, enriched with Amla, gotukola, and shringaraja to nourish hair and make it soft and healthy.	  	
9	Himalaya Face Body Massage Oil	400		300 ML	Daily massage with Himalaya baby Massage Oil helps improve your baby's growth and development, the light and non-staining formula of the oil has dual benefits and can be used for massaging before bathing and for moisturizing after bathing.	  	
10	Himalaya Baby Day Cream	180		200 ML	Himalaya Baby Cream is specially formulated to protect your little one's chapped cheeks, "crawler's knee", tender nose, and rubbed elbows. Our Baby Cream has soothing effect on baby's skin. The key ingredients work to moisturize along with preserving the natural softness of your baby's skin.	  	
11	Himalaya Refreshing Baby Lotion	240		400 ML	Himalaya Refreshing Baby Lotion is a light, non-greasy, fast-absorbing formulation specially made to refresh, hydrate and protect baby's skin from dryness. This pH balanced lotion keeps baby's skin soft, refreshed and is ideal for summer months.	  	
12	Milky Soft Natural Baby Face Cream	199		50 ML	Skin protectant moisturizer: It is specially formulated with care for delicate, soft and sensitive skin of babies. It also soothes and intensely moisturizes baby's itchy and milia-dry skin.	  	
13	Himalaya Refreshing Baby Wash	200		400 ML	Himalaya Refreshing Baby Wash has ingredients with cooling, refreshing and antibacterial properties cleanses and refreshes your baby's skin. Our baby wash is designed for use in summer.	  	
14	Mamaearth Coco Soft Massage Oil	399		200 ML	DEEPLY MOISTURIZES SKIN: Enriched with Coconut Oil, Coco Soft Massage Oil deeply moisturizes your baby's delicate skin & keeps it moisturized all day long. SOOTHES IRRITATIONS: Our Coco Soft Massage Oil is enriched with Turmeric that soothes itches and soothes your baby's skin from infections. NON-STICKY FORMULA: The mild and non-sticky formula helps the oil get absorbed into the skin quickly without leaving any residue or stickiness. MADE SAFE CERTIFIED: The Coco Soft Massage Oil has been tested and certified by Made safe, making it suitable for all skin types.	  	

Download PDF - View/Print Table

Developed BY : Veenesh Teena

View Contact


BABY CARE

Teena 

 Dashboard

 View

 Add

 Add New Admin

View Contact

ID	NAME	EMAIL	SUBJECT	MESSEGE
1	Vidhi	vidhi@gmail.com	about more brands	we love this site but can your provide more brands for lovely babies. Thank You

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View Sales


BABY CARE

Teena 

 Dashboard

 View

 Add

 Add New Admin

View Cart

ID	USER ID	PRODUCT ID	TOTAL PRICE
1	2	1	399
2	2	2	848
3	2	,1,2	848
4	2	,1-1,2-1	848
5	2	,1-1,2-1	848
6	2	,1-5	1995
7	2	,2-1	449

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View All Admin

BABY CARE

Teena 

 Dashboard

 View

 Add

 Add New Admin

View Admin

ID	NAME	EMAIL	PHONE NUMBER	STATUS
1	Teena	teena@gmail.com	6354083921	1
2	Prajesh	prajesh@gmail.com	7016053334	1

Developed BY :- Veenchhee Teena

View Profile

BABY CARE

Teena 

 Dashboard

 View

 Add

 Add New Admin

View And Update Your Details

View Details

Name

Teena

Email

teena@gmail.com

Phone

6354083921

Image



Choose File

No file chosen

Address Line 1

shree nathi marg

Address line 2

govardhan nagar

City

jetpur

State

gujarat

Pin-code

360370


Submit

Cancel



Developed BY :- Veenchhee Teena

View Feedback

BABY CARE

Teena  Dashboard View Add Add New Admin


View Feedback

ID	PRODUCT ID	USER ID	TITLE	MESSEGE	STATUS
1	1	2	Shampoo	very good product for babies.	
2	5	2	body wash	It's really tear free product.	



Developed BY:- Veenchhee Teena

View User Details

BABY CARE

Teena  Dashboard View Add Add New Admin

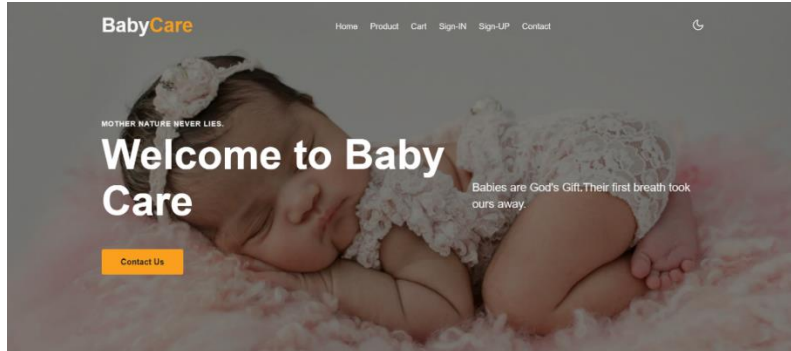
View Users Details

USER ID	NAME	EMAIL	PHONE	CITY	STATE	PIN CODE	STATUS
1	Astha	astha@gmail.com	6352412030	Jetpur	Gujarat	360370	
2	Zarana	zarana@gmail.com	3020105040	jetpur	Gujarat	360370	

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Client Side

Home Page



OUR BABY CARE

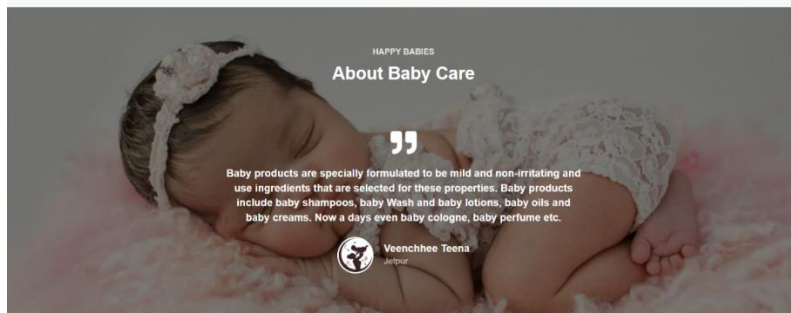
Product Category

- Lotion
- Sampoo
- Cream
- BodyWash
- HairOil
- SunScreen
- MassageOil



WHAT WE HAVE IN

BRANDS Of Baby Products



Natural

"Everything in nature invites us constantly to be what we are."



Best Quality Standards

Product quality refers to how well a product satisfies customer needs, serves its purpose and meets industry standards.

Product Page


[Home](#) [Product](#) [Cart](#) [Sign-In](#) [Sign-Up](#) [Contact](#)

[Product](#)
[Home](#) [All Product](#)


BABY CARE

Ctegrory

View Category →

Brands


View Brands →



Gentle Cleansing Shampoo

Rs. 399


View More Details →



Milky Soft Shampoo With Oats, Milk And Calendula

Rs. 449


View More Details →



Nourishing Hair Oil For Babies With Almond Oil

Rs. 399

View More Details →



Milky Soft Body Wash

Rs. 499


View More Details →



Deeply Nourishing

Rs. 399


View More Details →



Moisturizing Daily Lotion

Rs. 199


View More Details →



Gentle Baby Shampoo

Rs. 199

View More Details →



Baby Hair Oil

Rs. 220

View More Details →



Himalaya Face Body Massage Oil

Rs. 400

View More Details →



Himalaya Baby Day Cream

Rs. 180

View More Details →



Himalaya Refreshing Baby Lotion

Rs. 240


View More Details →



Milky Soft Natural Baby Face Cream

Rs. 199

View More Details →



Himalaya Refreshing Baby Wash

Rs. 200

View More Details →



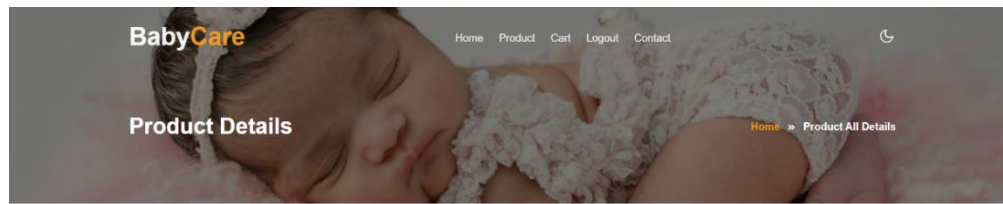
Mamaearth Coco Soft Massage Oil

Rs. 399

View More Details →

Developed By : Veerchhee Teena

Product Details



Deeply Nourishing

PRICE :-

Rs. 399

UNIT :-

400 ML

DESCRIPTION :-

Coconut Oil : It reduces the chances of developing irritation or inflammation on the skin. It increases moisture retention and prevents the skin from becoming too dry. Baby body wash Orange Essential Oil Orange Essential Oil : It is an antiseptic and an anti-inflammatory ingredient. Vitamin C present in this oil helps in protecting and healing the skin. Best baby body wash in India with Jojoba Oil Jojoba Oil : It is rich in essential Vitamins and Minerals, including Vitamins E and B-complex, Zinc, Copper, Selenium, Chromium, and Iodine, which provide nourishment to baby's skin. Deeply Nourishing Body Wash for babies with aloe vera extract Aloe Vera Extract : It is a gel extracted from plants, and has immense powers to heal and moisturize the skin while being gentle

ENTER QUANTITY :-

WELCOME TO BABY CARE WORLD.

Product Review

Subject

Review

Review

Zarana

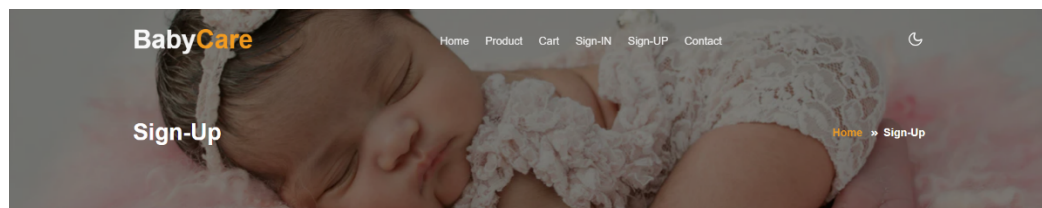
zarana@gmail.com

BODY WASH

REVIEW :-

It's really tear free product.

Registration Page



WELCOME TO BABY CARE WORLD.

Sign-Up Here

Baby Care Users Sign-up

Name

Email Id

Phone Number

Password

User Profile Photo(Optional)

No file chosen

Address Line 1

Address Line 2

City



State


Pin-Code

Security Question

Answer

Login Page

[Home](#) [Product](#) [Cart](#) [Sign-IN](#) [Sign-UP](#) [Contact](#) 




[Home](#) » [Sign-In](#)


KEEP IN TOUCH WITH US.


Login

We are welcoming you

OR

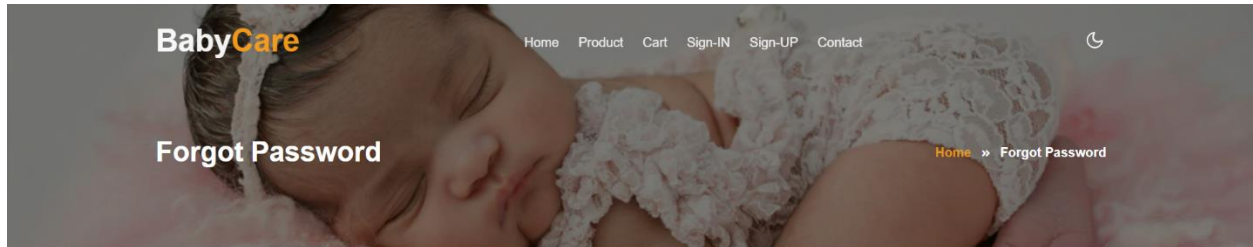
**Location**
Matva Sheri , jetpur

**Phone Numbers**
+12 403-11-22-69
+12 304-11-22-79

**Emails**
company@gmail.com
support@gmail.com

Developed By : Veenchhee Teena

Forgot Password



KEEP IN TOUCH WITH US.

Forgot Password

We are Always with you

Email Id

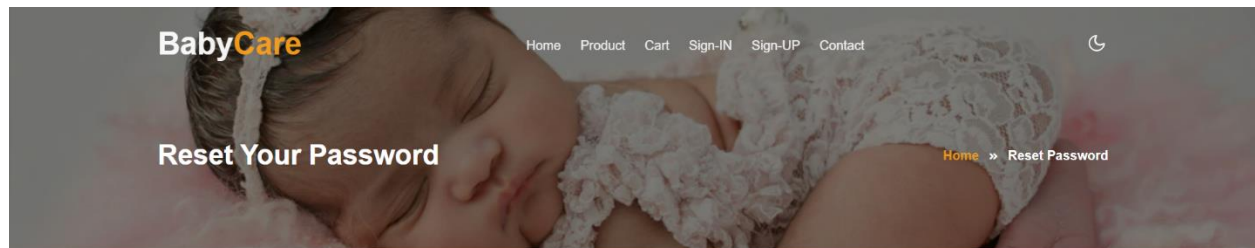
Security Question

Answer

Submit

Developed By : Veenchhee Teena

Reset Password



KEEP IN TOUCH WITH US.

Enter New Password

We are Always with you

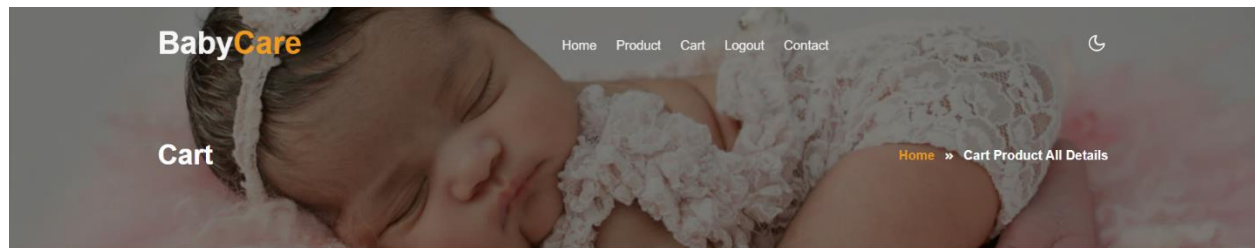
Password

Confirm Password



Submit

Developed By : Veenchhee Teena

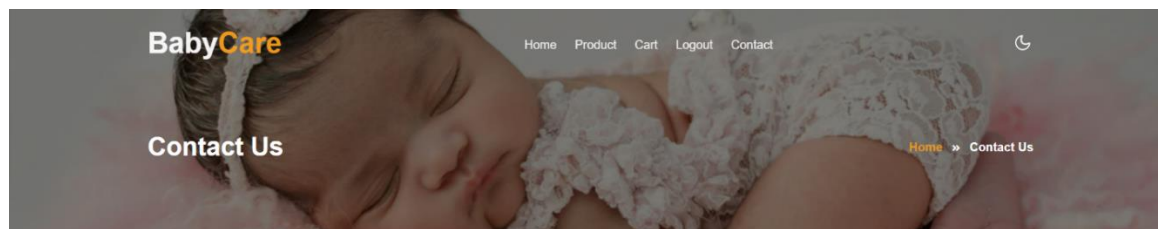
Cart Page



Cart List

	Product	Price	Quantity	Subtotal	Action
	Gentle Cleansing Shampoo	Rs. 399	1	Rs. 399	Delete
	Himalaya Baby Day Cream	Rs. 180	1	Rs. 180	Delete
Total Rs. 579					
← Continue Shopping Checkout					

Contact Page



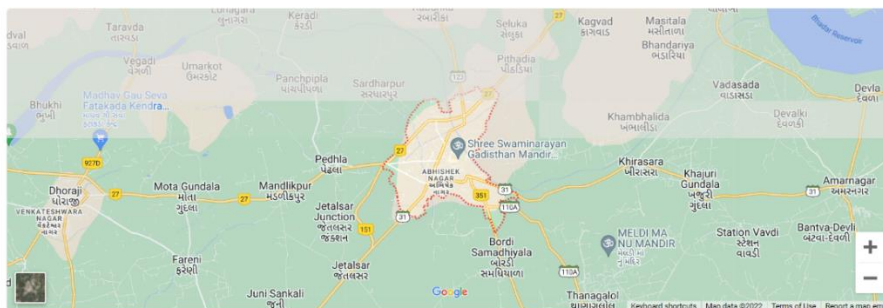
SEND US A MESSAGE

Keep In Touch With Us.


Contact us to more thing. feel free to ask question.

MASSEGE

Submit Now ↗



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12. Testing

a) White Box Testing

“White box testing” (also known as clear, glass box or structural testing) is a testing technique which evaluates the code and the internal structure of a program.

White box testing involves looking at the structure of the code. When you know the internal structure of a product, tests can be conducted to ensure that the internal operations performed according to the specification. And all internal components have been adequately exercised.

White Box Testing is coverage of the specification in the code:

1. Code coverage

2. Segment coverage: Ensure that each code statement is executed once.

3. Branch Coverage or Node Testing: Coverage of each code branch in from all possible was.

4. Compound Condition Coverage: For multiple conditions test each condition with multiple paths and combination of the different path to reach that condition.

5. Basis Path Testing: Each independent path in the code is taken for testing.

6. Data Flow Testing (DFT): In this approach you track the specific variables through each possible calculation, thus defining the set of intermediate paths through the code. DFT tends to reflect dependencies but it is mainly through sequences of data manipulation. In short, each data variable is tracked and its use is verified. This approach tends to uncover bugs like variables used but not initialize, or declared but not used, and so on.

7. Path Testing: Path testing is where all possible paths through the code are defined and covered. It's a time-consuming task.

8. Loop Testing: These strategies relate to testing single loops, concatenated loops, and nested loops. Independent and dependent code loops and values are tested by this approach.

Why we perform WBT?

To ensure:

- That all independent paths within a module have been exercised at least once.
 - All logical decisions verified on their true and false values.
 - All loops executed at their boundaries and within their operational bounds
- internal data structures validity.

b) Black Box Testing

Black box testing involves testing a system with no prior knowledge of its internal workings. A tester provides an input, and observes the output generated by the system under test. This makes it possible to identify how the system responds to expected and unexpected user actions, its response time, usability issues and reliability issues.

Black box testing is a powerful testing technique because it exercises a system end-to-end. Just like end-users “don’t care” how a system is coded or architected, and expect to receive an appropriate response to their requests, a tester can simulate user activity and see if the system delivers on its promises. Along the way, a black box test evaluates all relevant subsystems, including UI/UX, web server or application server, database, dependencies, and integrated systems.

Types Of Black Box Testing

Black box testing can be applied to three main types of tests: functional, non-functional, and regression testing.

1. Functional Testing

Black box testing can test specific functions or features of the software under test. For example, checking that it is possible to log in using correct user credentials, and not possible to log in using wrong credentials.

Non-Functional Testing

Black box testing can check additional aspects of the software, beyond features and functionality. A non-functional test does not check “if” the software can perform a specific action but “how” it performs that action.

2. Regression Testing

Black box testing can be used to check if a new version of the software exhibits a regression, or degradation in capabilities, from one version to the next.

Black Box Testing Techniques

1. Equivalence Partitioning

Testers can divide possible inputs into groups or “partitions”, and test only one example input from each group. For example, if a system requires a user’s birth date and provides the same response for all users under the age of 18, and a different response for users over 18, it is sufficient for testers to check one birth date in the “under 18” group and one date in the “over 18” group.

2. Boundary Value Analysis

Testers can identify that a system has a special response around a specific boundary value. For example, a specific field may accept only values between 0 and 99. Testers can focus on the boundary values (-1, 0, 99 and 100), to see if the system is accepting and rejecting inputs correctly.

3. Decision Table Testing

Many systems provide outputs based on a set of conditions. Testers can then identify “rules” which are a combination of conditions, identify the outcome of each rule, and design a test case for each rule.

c) Unit Box Testing

Unit Testing is a software testing technique by means of which individual units of software i.e. group of computer program modules, usage procedures, and operating procedures are tested to determine whether they are suitable for use or not. It is a testing method using which every independent module is tested to determine if there is an issue by the developer himself. It is correlated with the functional correctness of the independent modules. Unit Testing is defined as a type of software testing where individual components of a software are tested. Unit Testing of the software product is carried out during the development of an application. An individual component may be either an individual function or a procedure. Unit Testing is typically performed by the developer.

Objective of Unit Testing:

The objective of Unit Testing is:

1. To isolate a section of code.
2. To verify the correctness of the code.
3. To test every function and procedure.
4. To fix bugs early in the development cycle and to save costs.
5. To help the developers to understand the code base and enable them to make changes quickly.
6. To help with code reuse.

Unit Testing Techniques:

There are 3 types of Unit Testing Techniques. They are

1. **Black Box Testing:** This testing technique is used in covering the unit tests for input, user interface, and output parts.
2. **White Box Testing:** This technique is used in testing the functional behavior of the system by giving the input and checking the functionality output including the internal design structure and code of the modules.
3. **Gray Box Testing:** This technique is used in executing the relevant test cases, test methods, test functions, and analyzing the code performance for the modules.

d) Integration Box Testing

- Integration testing is the second level of testing in which we test a group of related modules.

- It aims at finding interfacing issues b/w the modules i.e. if the individual units can be integrated into a sub-system correctly.
- It is of four types – Big-bang, top-down, bottom-up, and Hybrid.
 1. In **big bang integration**, all the modules are first required to be completed and then integrated. After integration, testing is carried out on the integrated unit as a whole.
 2. In **top-down integration** testing, the testing flow starts from top-level modules that are higher in the hierarchy towards the lower-level modules. As there is a possibility that the lower-level modules might not have been developed while beginning with top-level modules.

So, in those cases, stubs are used which are nothing but dummy modules or functions that simulate the functioning of a module by accepting the parameters received by the module and giving an acceptable result.

3. **Bottom-up integration testing** is also based on an incremental approach but it starts from lower-level modules, moving upwards to the higher-level modules. Again the higher-level modules might not have been developed by the time lower modules are tested. So, in those cases, drivers are used. These drivers simulate the functionality of higher-level modules in order to test lower-level modules.
4. **Hybrid integration testing** is also called the Sandwich integration approach. This approach is a combination of both top-down and bottom-up integration testing. Here, the integration starts from the middle layer, and testing is carried out in both directions, making use of both stubs and drivers, whenever necessary.

13. User Manual

- User have to register and login manually.
- User can see product via category and brand.
- User can also view all product together.
- User can change password.
- User can add product to cart and also remove from cart.

14. Limitation

1. User can't change his/her profile.

References

<https://www.amazon.in/>

<https://www.flipkart.com/>

<https://www.mamaearth.in/>

<https://himalayawellness.in/>