

**Title page**

**Topic:**

Online Healthcare System

**Frontend:**

ASP.Net

**Backend:**

SQL Server

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**Reference no.:**

9

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## **Introduction**

Online Health Care System is also refers to E-healthcare System or E-health means the use of digital technologies and Telecommunications , such as computers, the internet , and mobile devices , to facilitate health improvement and health care services.

GreatFeel is an E-health care system , which is a web-based project developed in ASP.Net .The main aim of this project is to help people to find organic products of different brands.

This healthcare system includes purchasing all healthcare as well as organic products , In minimal and discounted price.

GreatFeel offers better pricing than offline stores , with increased access , lower transaction and product costs , convenience and greater anonymity for consumers .They offer accessibility to people with limited mobility and people in remote areas . These provide doorstep delivery within a short time .

## **Scope:**

- This healthcare system allow the users to create accounts and save products in to the cart.
- Users can view and compare the products of different brands and select according to the requirements.
- users can easily add the products to the cart and checkout
- An electronic Bill will be generated after checkout process and users can easily save it in pdf format.
- Users can have multiple shipping and billing information saved. During checkout they can easily select shipping and billing information.

## **Tools Used:**

Frontend: ASP.Net

Backend: SQL server

Software Requirement:

- ASP.Net
- SQL Server
- Browser(Chrome, firefox)

# Data Dictionary

## 1. Table Name : tbl\_Brand

Purpose : To store the brands of the product.

Column name	Data type	size	Constraint
Brand_Id	int		PRIMARY KEY,AUTO INCREMENT
Brand	varchar	250	NOT NULL
Image	varchar	250	NOT NULL
Manu	varchar	250	NOT NULL
IsAct	bit		NOT NULL

## 2. Table Name : tbl\_cart

Purpose : To store information about cart .

Column name	Data type	size	Constraint
Cart_id	int		PRIMARY KEY,AUTO INCREMENT
Cust_Id	int		FOREIGN KEY

## 3. Table Name : tbl\_cart\_Details

Purpose : To store information about cart .

Column name	Data type	size	Constraint
cart_Details_id	int		PRIMARY KEY,AUTO INCREMENT
Cart_id	int		FOREIGN KEY
Sub_prod_Id	int		FOREIGN KEY
Qty	int		NOT NULL

4. Table Name : tbl\_categories

Purpose : To store categories of products .

Column name	Data type	size	Constraint
Cat_id	int		PRIMARY KEY,AUTO INCREMENT
cat	varchar	500	NOT NULL
Image	varchar	500	NOT NULL
IsAct	bit		NOT NULL

5. Table Name : tbl\_city

Purpose : To store details of city.

Column name	Data type	size	Constraint
City_id	int		PRIMARY KEY,AUTO INCREMENT
State_id	int		FOREIGN KEY
City name	varchar	50	NOT NULL
City_IsAct	bit		NOT NULL

6. Table Name : tbl\_consumer

Purpose : To store the information about consumers.

Column name	Data type	size	Constraint
Consumer_id	int		PRIMARY KEY,AUTO INCREMENT
Consumer type	varchar	50	NOT NULL
IsAct	bit		NOT NULL

7. Table Name : tbl\_contact

Purpose : To store contact details.

Column name	Data type	size	Constraint
Id	int		PRIMARY KEY,AUTO INCREMENT
Cust_id	int		FOREIGN KEY
comment	varchar	1000	NOT NULL
Added_on	datetime		NOT NULL

8. Table Name : tbl\_country

Purpose : To store details of country .

Column name	Data type	size	Constraint
CountryId	int		PRIMARY KEY,AUTO INCREMENT
Country_name	varchar	50	NOT NULL
Country_IsAct	bit		NOT NULL

9. Table Name : tbl\_customer

Purpose : To store information about customer.

Column name	Data type	size	Constraint
Cust_id	int		PRIMARY KEY,AUTO INCREMENT
Cust_name	varchar	50	NOT NULL
Email	varchar	50	NOT NULL
Password	varchar	50	NOT NULL
Contact	numeric	18,0	NOT NULL
City_id	int		NOT NULL
Address	varchar	1000	NOT NULL
Pincode	numeric	18,0	NOT NULL

10. Table Name : tbl\_login

Purpose : To store information about login.

Column name	Data type	size	Constraint
Login_id	int		PRIMARY KEY,AUTO INCREMENT
Cust_id	int		NOT NULL,FOREIGN KEY

11. Table Name : tbl\_order

Purpose : To store information about orders.

Column name	Data type	size	Constraint
Order_id	int		PRIMARY KEY,AUTO INCREMENT
Cust_id	int		NOT NULL,FOREIGN KEY
Payment_id	varchar	50	NOT NULL
Order_status	bit		NOT NULL
Added_on	datetime		NOT NULL



12. Table Name : tbl\_order\_details

Purpose : To store information about orders details

Column name	Data type	size	Constraint
Order_details id	int		PRIMARY KEY,AUTO INCREMENT
Order_id	int		NOT NULL,FOREGIN KEY
Sub_prod_id	int		NOT NULL,FOREGIN KEY
Qty	int		NOT NULL

13. Table Name : tbl\_prod\_consumer

Purpose : To relationship product and sub consumer.

Column name	Data type	size	Constraint
Prod_con_id	int		PRIMARY KEY,AUTO INCREMENT
Prod_id	int		NOT NULL
Consumer_id	int		NOT NULL

14. Table Name : tbl\_products

Purpose : To store information about product.

Column name	Data type	size	Constraint
Prod_id	int		PRIMARY KEY,AUTO INCREMENT
Sub_cat_id	int		NOT NULL,FOREGIN KEY
Prod_name	varchar	500	NOT NULL
Brand_id	int		NOT NULL,FOREIGN KEY
Description	varchar	5000	NOT NULL
IsAct	bit		NOT NULL

15. Table Name : tbl\_Relate\_cat

Purpose : To provide relationship category and sub category.

Column name	Data type	size	Constraint
R_cat_id	int		PRIMARY KEY,AUTO INCREMENT
Sub_cat_id	int		NOT NULL,FOREIGN KEY
Cat_id	int		NOT NULL,FOREIGN KEY
IsAct	bit		NOT NULL

16. Table Name : tbl\_state

Purpose : : To store information about state.

Column name	Data type	size	Constraint
State_id	int		PRIMARY KEY,AUTO INCREMENT
Country_id	int		NOT NULL,FOREIGN KEY
State_name	varchar	50	NOT NULL
State_IsAct	bit		NOT NULL

17. Table Name : tbl\_sub\_cat

Purpose : To store information about sub category.

Column name	Data type	size	Constraint
Sub_cat_id	int		PRIMARY KEY,AUTO INCREMENT
Sub_cat	varchar	500	NOT NULL
Image	varchar	500	NOT NULL
IsAct	bit		NOT NULL

18. Table Name : tbl\_sub\_prod

Purpose : To store information about sub product.

Column name	Data type	size	Constraint
Sub_prod_id	int		PRIMARY KEY,AUTO INCREMENT
Prod_id	int		NOT NULL,FOREIGN KEY
Image	varchar	500	NOT NULL
Size	varchar	500	NOT NULL
Mrp	float		NOT NULL
Stock	int		NOT NULL
IsAct	bit		NOTNULL

19. Table Name : tbl\_user

Purpose : To store information about user.

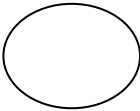



Column name	Data type	size	Constraint
UserId	int		PRIMARY KEY,AUTO INCREMENT
UserName	varchar	50	NOT NULL
Password	varchar	50	NOT NULL

20. Table Name : tbl\_Address

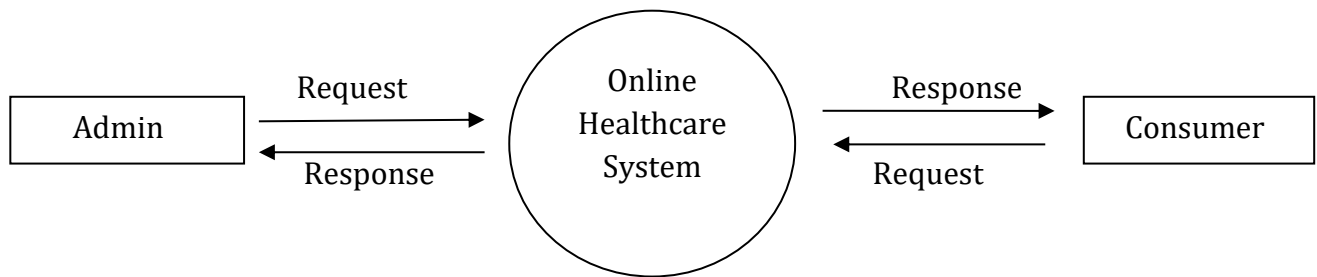
Purpose : To store address of customer.

Column name	Data type	size	Constraint
Address_id	int		PRIMARY KEY,AUTO INCREMENT
Cust_id	int		NOT NULL
City_id	int		NOT NULL,FOREIGN KEY
Address	varchar	5000	NOT NULL, FOREIGN KEY

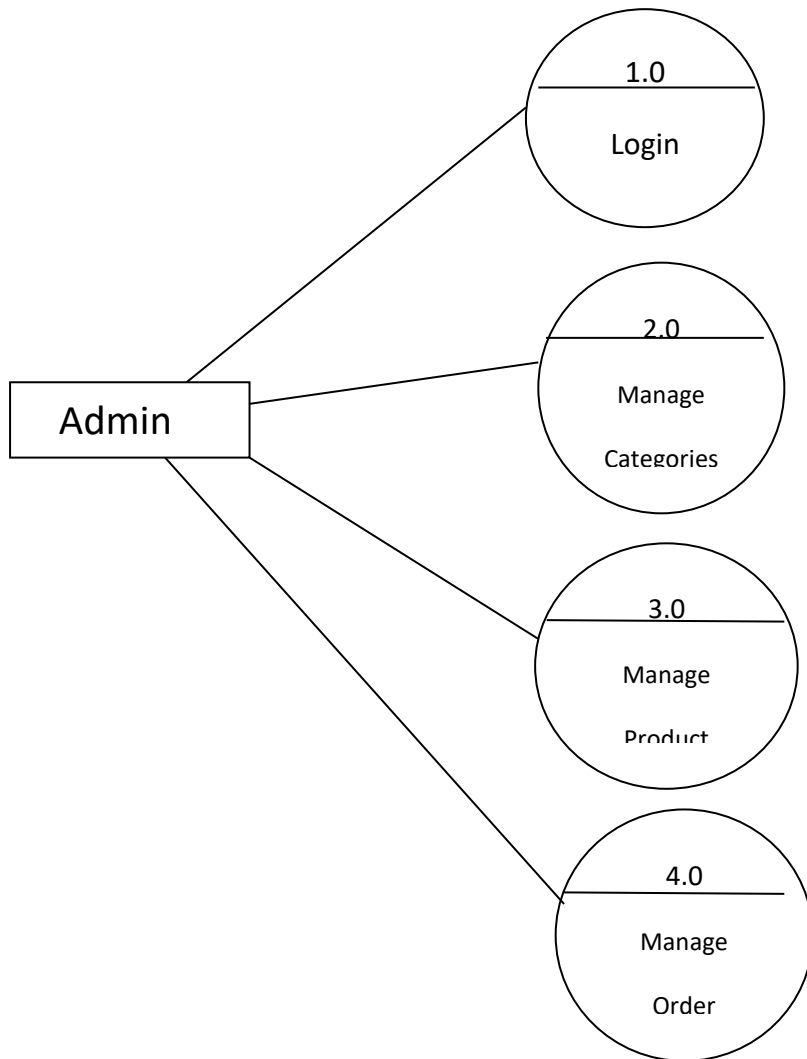
## Data flow Diagram

Symbol	Definitions
	Process
	External Entity
	Data Store
	Data Flow

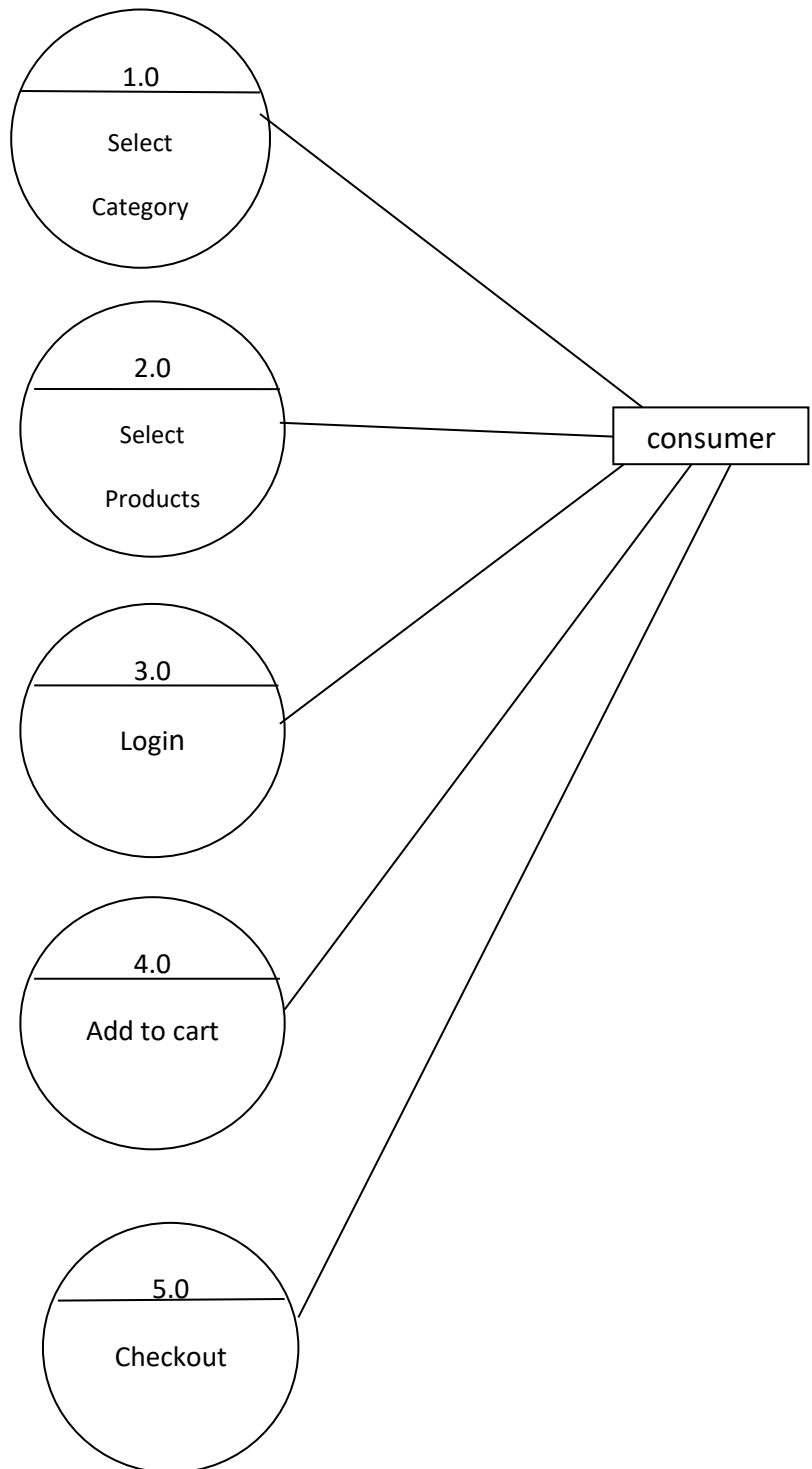
## Context Level DFD



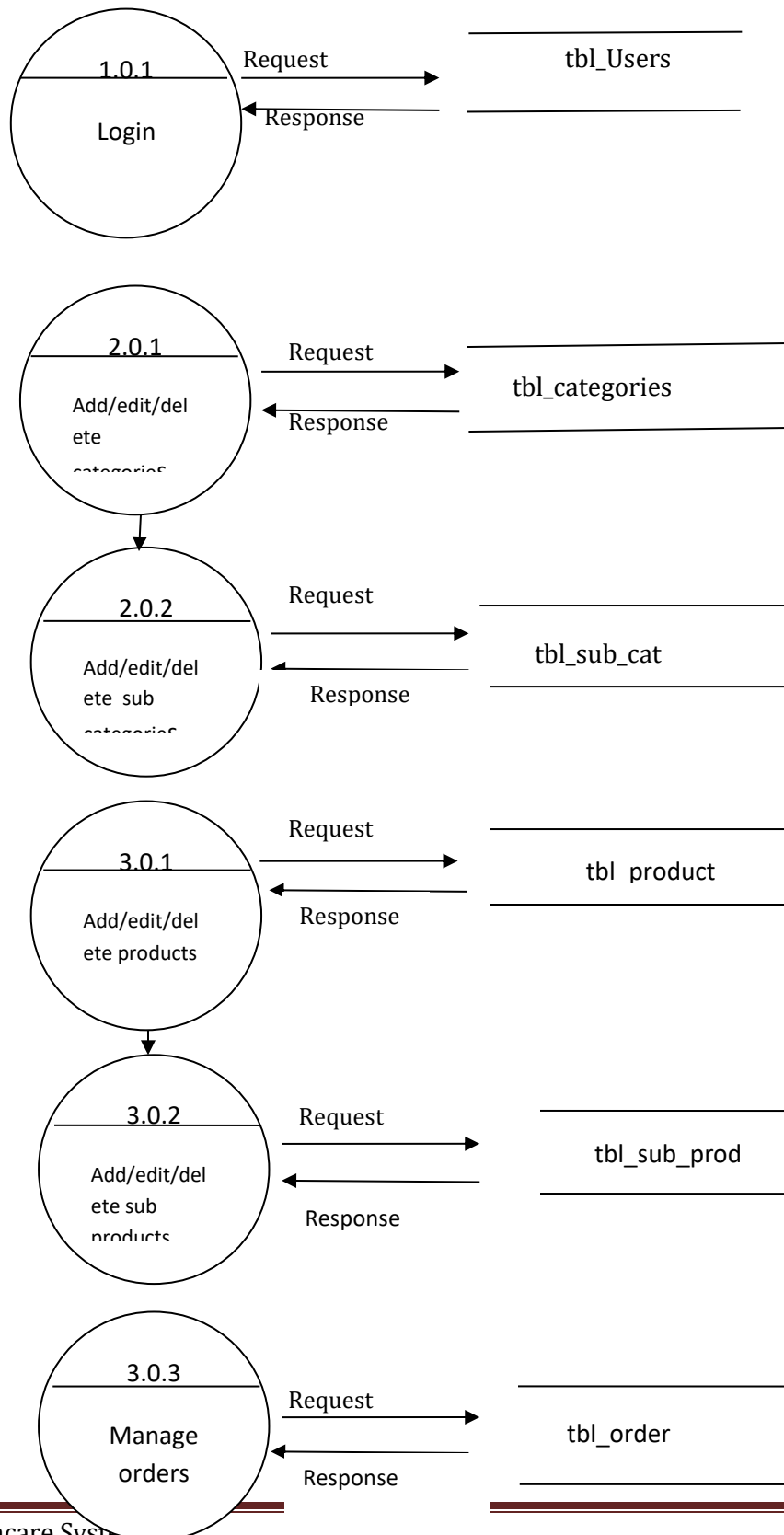
## Admin Level-0



## Customer Level-0

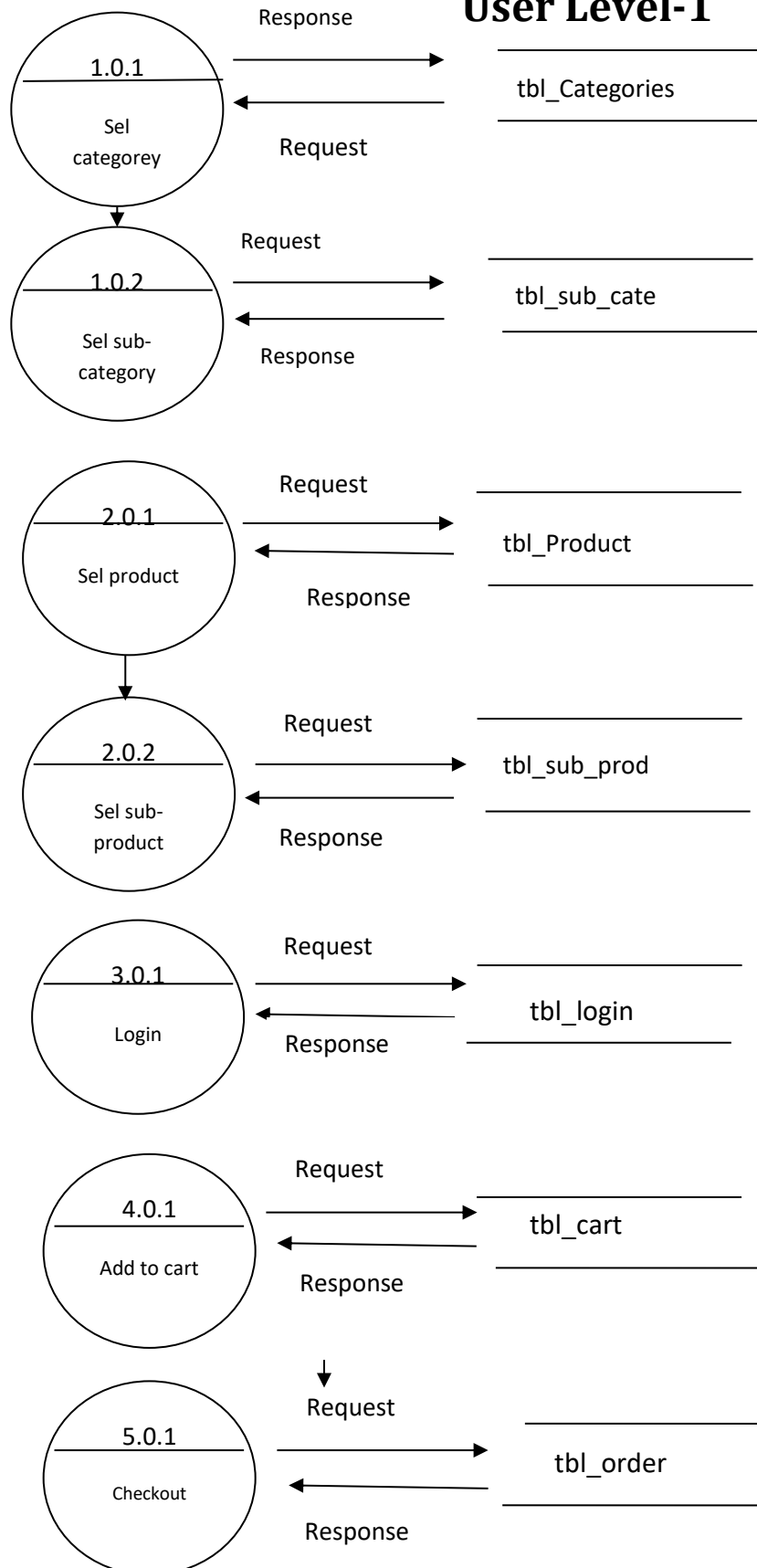


## Admin level-1


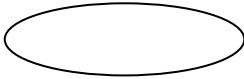
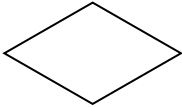





## User Level-1



## **ER Diagram**


<b>Symbol</b>	<b>Definitions</b>
	Entity
	Attribute
	Relationship
	Primary Key field



# Form Layout


Home Page

Description : This is the Home page of the site.




Logout


HomeCategoriesProductsAbout




Get naturally  
nourished, luscious locks  
with the power of ONIONS!




Categories




Skin & hair care



Mom & Baby




Wellness



Healthcare Devices


View All

Products




Nourishing Hair Oil for Babies with Almond and Avocado Oil

View Product




Soothing Massage Oil for Babies with Sesame Almond and Jojoba Oil

View Product



Moisturizing Bathing Bar Soap For Babies

View Product



Nourishing Hair Oil for Babies with Almond and Avocado Oil

View Product

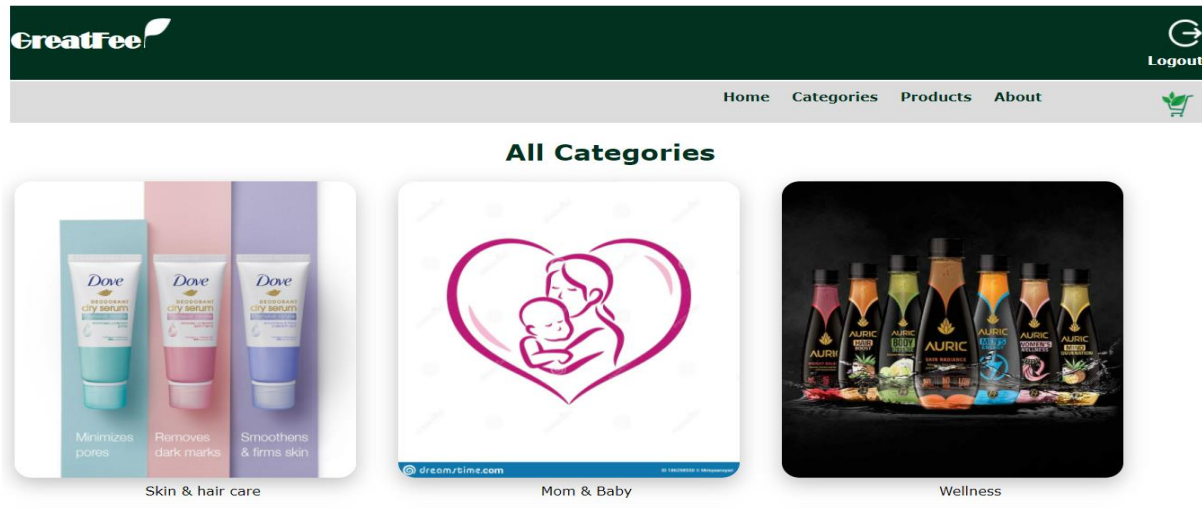
View All

Online Healthcare System

Page 20

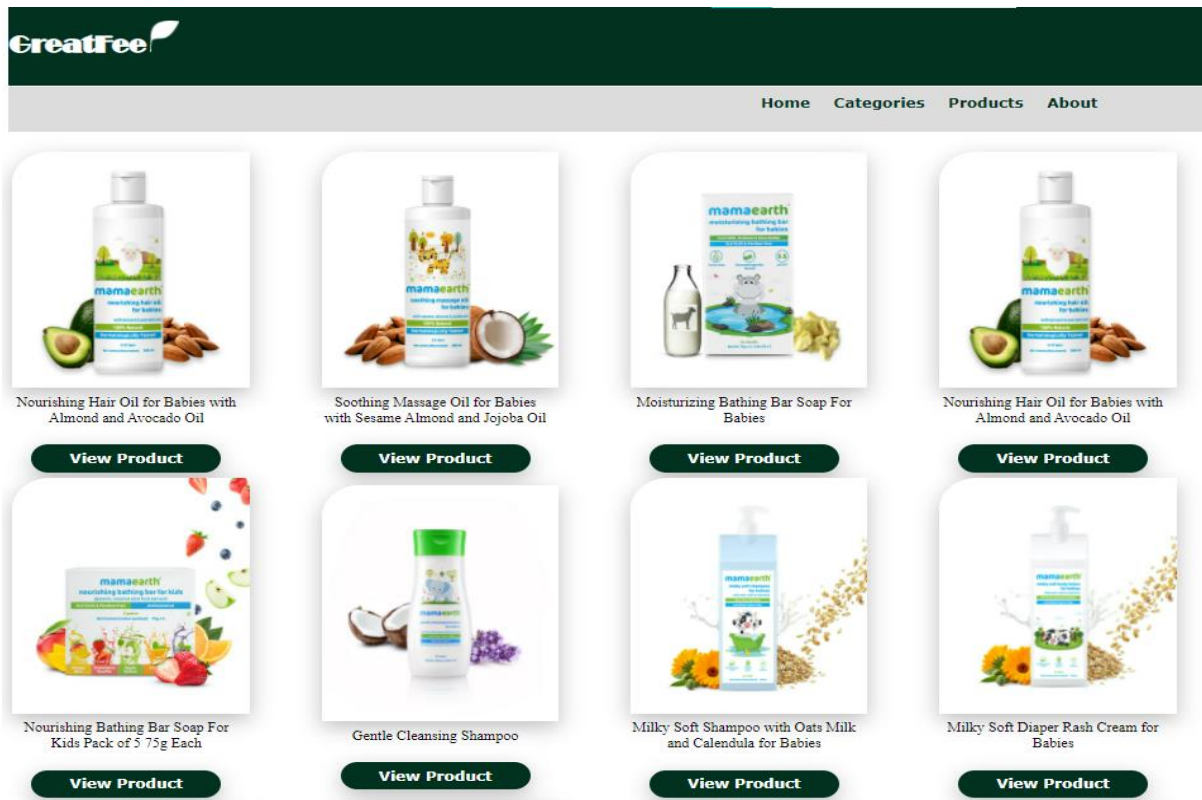
## All Categories Page

Description : This is all categories page which displays all categories.



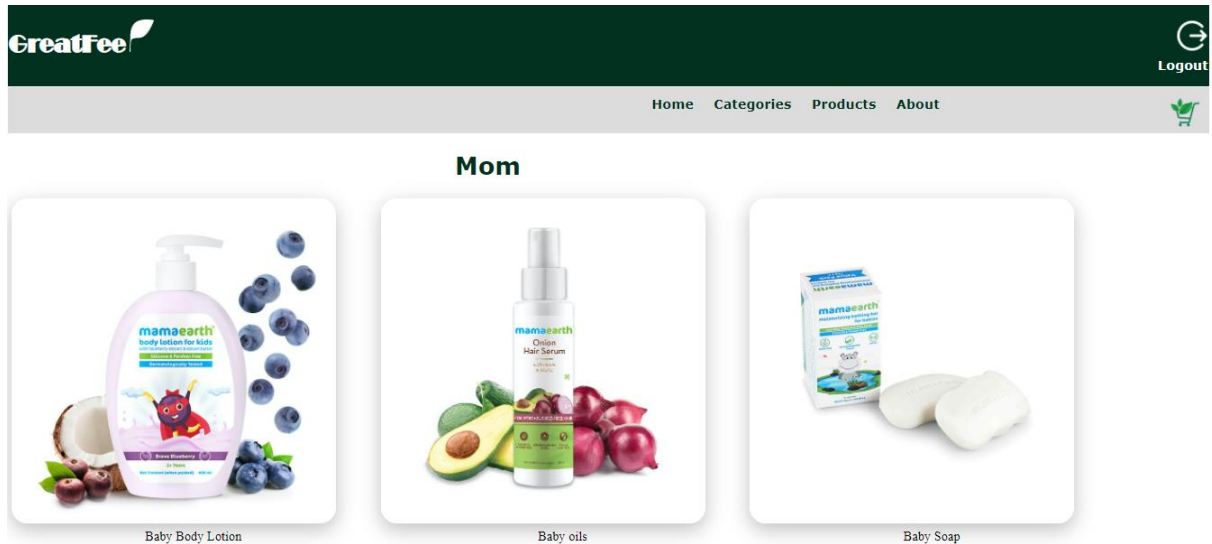
## All Products page

Description : This is all products page which displays all products page.



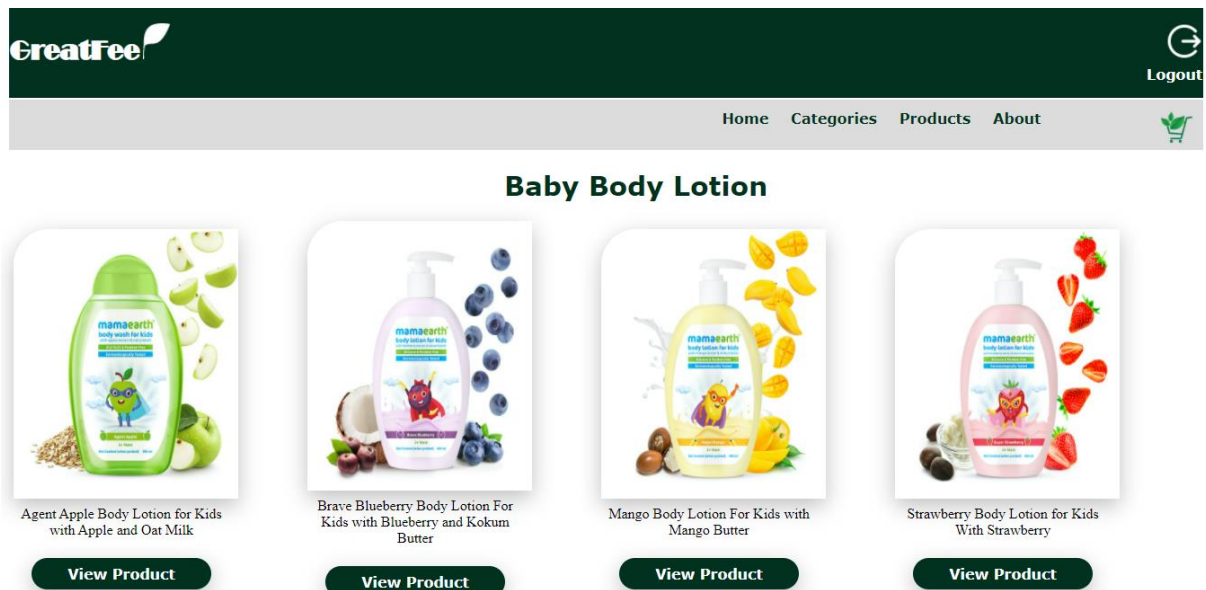
## Sub Category page

Description : This is Sub Category page which displays all sub category of particular category.





## Products page


Description : This is Products page which shows products of particular sub category.




## SubProducts page

Description : This is SubProducts page which displays subproducts of particular product with various size options.



Home Categories Products About

### Seedless Dates






Price : 242

Product Name : Seedless Dates  
Description : Dates are a very healthy fruit to include in your diet. They are high in several nutrients, fiber and antioxidants, all of which may provide health benefits ranging from improved digestion to a reduced risk of disease.  
In Stock : 801


☒ 250 g  
☐ 400 g  
☐ 700 g

1 [Add to Cart](#)



Home Categories Products About

### Seedless Dates




Price : 299


Product Name : Seedless Dates  
Description : Dates are a very healthy fruit to include in your diet. They are high in several nutrients, fiber and antioxidants, all of which may provide health benefits ranging from improved digestion to a reduced risk of disease.  
In Stock : 900

☐ 250 g  
☒ 400 g  
☐ 700 g

1 [Add to Cart](#)


Logout

[Home](#)
[Categories](#)
[Products](#)
[About](#)



Price : 490

☐ 250 g  
☐ 400 g  
☒ 700 g


1 [Add to Cart](#)

### Seedless Dates

Product Name : Seedless Dates  
 Description : Dates are a very healthy fruit to include in your diet. They are high in several nutrients, fiber and antioxidants, all of which may provide health benefits ranging from improved digestion to a reduced risk of disease.  
 In Stock : 900

## Login Page

Description : This Is login page of customer.


Login

[Home](#)
[Categories](#)
[Products](#)
[About](#)

### Customer Login

E-mail :

Password :

[Login](#)
[Reset](#)

Don't Have Account ?? Register Here, [Register](#)

#### Contact Us

[Submit](#)

#### Quick Links

- [Home](#)
- [Categories](#)
- [Products](#)
- [About](#)
- [Admin](#)

#### Address

Rameshwarnagar,  
Jamnagar, 361008,  
India.


Email Id : [greatfeel@gmail.com](mailto:greatfeel@gmail.com)

Contact No. : 456-456-4512





## Cart Page

Description : This is Cart Page.



Logout

HomeCategoriesProductsAbout


Image	Name	Size	MRP	Qty	SubTotal	
	Brahmi Capsules	60 caps	719	<input type="text" value="5"/>	3595	<a href="#">Remove</a>
	Tangy Chickpea with Chilli and Lime	220 gms	230	<input type="text" value="3"/>	690	<a href="#">Remove</a>

Grand Total : 4285 Rs.

Continue ShoppingProceed To Checkout

## Checkout Page

Description : This is Checkout page



Logout

HomeCategoriesProductsAbout

Cust\_Name: Kavita Chavda


Email: kavita@gmail.com

Contact: 1234567890


City: Morbi

Address: SuryaKirti 1,  
RishbhNagar, Morbi

Selected Items



Brahmi Capsules  
Qty : 5  
MRP : 719  
SubTotal : 3595




Tangy Chickpea with Chilli and Lime  
Qty : 3  
MRP : 230  
SubTotal : 690


Grand Total : 4285 Rs.


Change AddressCheckout


## Change or Add Address

Description : This is page where user can change or add new address for shipping.





 Logout

Home Categories Products About 

--Select Country--  
--Select State--  
--Select City--


Enter New Address :


Id	Address	
1	SuryaKirti 1, RishbhiNagar, Morbi	<a href="#">Set</a>
2	Loass Angeles Address	<a href="#">Set</a>


Add Address


## Admin Login

Description : This is Admin Login Page.





 Logout

Home Categories Products About 

Admin Login

UserName :

Password :

Login Reset

Contact Us

Submit

Quick Links

Home  
Categories  
Products  
About  
Admin

Address

Rameshwarnagar,  
Jamnagar, 361008,  
India.  
Email Id : greatfeel@gmail.com  
Contact No. : 456-456-4512

## Invoice Page

Description : This Is Electronic Invoice which can be downloaded in pdf format by Customer.

### GreatFeel Electronic Invoice

Order Id : 6

Order Date : 03-09-2022 05:34:36

Address : SuryaKirti 1, RishbhNagar, Morbi

Payment Type : COD

Payment Status : Pending

Order Status : Pending

Name	Size	MRP	Qty	SubTotal
Brahmi Capsules	60 caps	719	5	3595
Tangy Chickpea with Chilli and Lime	220 gms	230	3	690

Grand Total : 4285 Rs.

Declaration : We declare that this invoice shows actual price of the goods described inclusive of taxes and all particulars are true and correct. Incase you find selling price on this invoice to be more than MRP mentioned on product,Please inform us on greatfeel@gmail.com

**THIS IS COMPUTER GENERATED INVOICE AND DOES NOT REQUIRED SIGNATURE**

## Category Master

Description : This is Category Master page where all Categories are Managed.

Id	Name	Image	Status	Edit	Delete
1	Skin & hair care		Active	<a href="#">Edit</a>	<a href="#">Delete</a>
3	Mom & Baby		Active	<a href="#">Edit</a>	<a href="#">Delete</a>
4	Wellness		Active	<a href="#">Edit</a>	<a href="#">Delete</a>
5	Healthcare Devices		Active	<a href="#">Edit</a>	<a href="#">Delete</a>
6	Organic		Active	<a href="#">Edit</a>	<a href="#">Delete</a>
7	Daily Essential		Active	<a href="#">Edit</a>	<a href="#">Delete</a>

## Add New Category

Description : This is Add New Category page where new Categories can be added.

### Add Category

Name :

Image:  No file chosen

[Add](#) [Reset](#)

## Sub Category Master

Description : This is Sub Category Master page where all Sub Categories are Managed.

Id	Name	Image	Status	Parent Categories	Edit	Delete
6	Body Lotion		Active	Skin & hair careDaily Essencial	Edit	Delete
7	Soap		Active	Skin & hair careDaily Essencial	Edit	Delete
8	creams		Active	Skin & hair careDaily Essencial	Edit	Delete
9	Oats		Active	WellnessOrganicDaily Essencial	Edit	Delete
10	cleaning		Active	Daily Essencial	Edit	Delete
11	hair oils		Active	Skin & hair careDaily Essencial	Edit	Delete

## Add New Sub Category

Description : This is Add New Sub Category page where new Categories can be added.

**Add Sub-Category**

Select Parent Category :

ID	Categories	Select All
1	Skin & hair care	<input type="checkbox"/>
3	Mom & Baby	<input type="checkbox"/>
4	Wellness	<input type="checkbox"/>
5	Healthcare Devices	<input type="checkbox"/>
6	Organic	<input type="checkbox"/>
7	Daily Essencial	<input type="checkbox"/>
8	Food	<input type="checkbox"/>
9	Food	<input type="checkbox"/>
10	Food	<input type="checkbox"/>
11	skin care	<input type="checkbox"/>
12	Immunity products	<input type="checkbox"/>

Name :

Image:  No file chosen

## Product Master

Description : This is Product Master page where all Products are Managed.

Id	Name	Sub Category	Brand	Consumers	Description	Status	Edit	Delete	View	Add
17	100% Natural Plant Protein Powder - Vegan Protein Shake	protein shake	Auric	Men Women	Auric Plant Protein Powder is the best protein powder ever with No Chemicals, Preservatives, Emulsifiers, Stabilizers and Bad Stuff. Just Pure Natural Nutrition including 21g Protein & 6g BCAA, Pea & Wheat Plant Protein mixes well in Milk (Minimum Lumps) and is easy to digest. -> Helps in weight loss -> Maintain a healthy lifestyle -> Gain muscle	Active	<a href="#">Edit</a>	<a href="#">Delete</a>	<a href="#">View</a>	<a href="#">Add</a>

## Add New Product

Description : This is Add New Product page where new Product can be added.

**Add Product**

Name :

Sub Category : --Select SUB Category--

Brand : --Select Brand--

Consumer : 

ID	Consumers	Select All
1	Men	<input type="checkbox"/>
3	Women	<input type="checkbox"/>
4	Kids	<input type="checkbox"/>

Description :

[Add](#) [Reset](#)

## Sub Product Master

Description : This is Sub Products Master page where all Sub Products are Managed.

The screenshot shows the 'Sub Product Master' page. On the left is a dark green sidebar with a white menu containing links: Home, Categories Master, Add New Category, View Sub\_Categories, Add New Sub\_Category, Product Master, Add New Product, and Order Master. The main content area has a dark green header with the 'CreatFee' logo. Below the header is a link 'Add Category'. A table lists sub-products with columns: Id, Image, Size, Stock, Status, Edit, and Delete. The table contains three rows of data.

Id	Image	Size	Stock	Status	Edit	Delete
41		250 g	801	Active	<a href="#">Edit</a>	<a href="#">Delete</a>
2132		400 g	900	Active	<a href="#">Edit</a>	<a href="#">Delete</a>
2133		700 g	900	Active	<a href="#">Edit</a>	<a href="#">Delete</a>



## Add New Sub Product

Description : This is Add New Sub Product page where new Sub Product can be added.

The screenshot shows the 'Add New Sub Product' page. It features a dark green sidebar with the same menu as the previous page. The main content area has a dark green header with the 'CreatFee' logo and a back arrow. Below the header is a light green box titled 'Add Sub Product'. Inside this box, there are form fields for Name, Image, Size, MRP, and Stock. The Name field is pre-filled with '100% Natural Plant Protein Powder - Vegan Protein Shake'. The Image field has a 'Choose File' button and the text 'No file chosen'. The Size, MRP, and Stock fields are empty text boxes. At the bottom of the form are 'Add' and 'Reset' buttons.

## Order Master

Description : This is Order Master page where all Orders are Managed.



- Home**
- Categories Master**
  - Add New Category
  - View Sub\_Categories
  - Add New Sub\_Category
- Product Master**
  - Add New Product
- Order Master**

Order_Id	Customer Name	Email_Id	Contact	Address	Payment Type	Order Status	Payment Status	Added On	View Details
4	Kavita Chavda	kavita@gmail.com	1234567890	SuryaKirti 1, RishbhNagar, Morbi	COD	<input type="checkbox"/> Shipped	Panding	03-08-2022 12:00:40	<a href="#">View</a>
5	Kavita Chavda	kavita@gmail.com	1234567890	SuryaKirti 1, RishbhNagar, Morbi	COD	<input type="checkbox"/> Shipped	Panding	03-08-2022 12:36:49	<a href="#">View</a>
6	Kavita Chavda	kavita@gmail.com	1234567890	SuryaKirti 1, RishbhNagar, Morbi	COD	<input type="checkbox"/> Shipped	Panding	03-09-2022 05:34:36	<a href="#">View</a>



## **Limitation & Future Enhancement**

- **Limitation :**

- This project does not provide facility of online payment method . so , smart card payment is not possible.
- Order live status can not be tracked in this project.
- Search criteria can not be saved.

- **Future Enhancement :**

- Product delivery tracking facility can be included.
- Smart card payment method can be applied.
- Search criteria can be saved.

## **Bibliography**

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- [www.microsoft.com](http://www.microsoft.com)
- [www.W3schools.com](http://www.W3schools.com)