Title page

Topic:

Online Healthcare System

Frontend:

PHP

Backend:

MySql

Submited by:

Parmar kanaklatta

Joshi Krishna

Bhatt Janvi

Reference no. :

36

Guided by:

Prof. Paras Atara

Project Submitted to:

H.J. Doshi Information Technology Institute

BHAVAN'S

SHREE H. J. DOSHI

Information Technology Institute,
Jamnagar

Certificate

Project Ref. No. : BCA_05_2021/ **36**

This is to Certify that

Mr./Ms./Mrs.   KANAKLATTA PARMAR

is regular student of B. C. A. Semester 5, Year-2021

The Project on

ONLINE HEALTHCARE SYSTEM

has been successfully completed for the partial fulfillment of study required by the Saurashtra University, Rajkot for Academic Year 2021 - 2022.

Lect. Paras Atara
Project Guide

Dr. H. B. Sheth
Director

BHAVAN'S

SHREE H. J. DOSHI
Information Technology Institute,
Jamnagar

Certificate

Project Ref. No. : BCA_05_2021/ **36**

This is to Certify that

Mr./Ms./Mrs. **KRISHNA JOSHI**

is regular student of B. C. A. Semester 5, Year-2021

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Lect. Paras Atara
Project Guide

Dr. H. B. Sheth
Director

SHREE H. J. DOSHI
Information Technology Institute,
Jamnagar

Certificate

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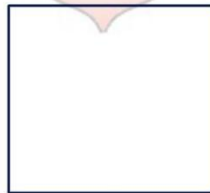
This is to Certify that

Mr./Ms./Mrs. **JANVI BHATT**

is regular student of B. C. A. Semester 5, Year-2021

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Lect. Paras Atara
Project Guide

Dr. H. B. Sheth
Director

Introduction

Online Health care System is also refers to E-healthcare System or E-health. 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.

Online HealthCare System delivers health care using modern electronic information and communication technologies when health care providers and patients are not directly in contact and their interaction is mediated by electronic means. A digital healthcare software ensures that they can access patient information in real-time using their desktop online or their mobile device.

GreatFeel is an E Health Care System, which is a web-based project developed in PHP. The main aim of this project is to help people to find respective specialist doctors for a particular disease in the nearby location. It also provides information and tips on how the disease can be cured. This healthcare system makes it easy to find the doctors, which helps the patients to recover faster from the disease.

Users can ask question regarding a particular disease and get the proper information related to the disease, cure remedies and specialist doctors list from desired or nearby location. It enables consumers to gather health-related information themselves to communicate with care providers, health plan administrators, and other consumers electronically and even to receive care in the home.

This Health care system also includes purchasing all medical products from the website with home delivery, with different payment options. including online shopping, this includes the sale of prescription and nonprescription medicines as well.

Online Healthcare offer 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 medialerts (personalized medicine reminder service), discounts, doorstep delivery within a short time, and validation of prescription through licensed pharmacists. Information about substitutes and adverse effects is also available on these sites.

Besides appointment booking and purchasing medicines, the additional services you can avail on our platform are doctor consultations, symptom checker, ordering diagnostic tests, and digitization of your health records.

Scope

GreatFeel provides Online appointment system for patients. It manages the doctor's account and patient's accounts .This website can also book and manage appointment with the patients. It provides the information about doctor's and its specialty.

It provides guideline , information about fitness and yoga.it also manages the description and information of medical products and we can also buy the medical products.

Tools Used

- Front End : PHP 5.6.25(Personal Home Page)
- Back End : MySQL 5.7.14
- Software Requirement
  - MySQL
  - PHP
  - Browser (Chrome, Firefox, Internet Explorer)

Data Dictionary

1.Table Name: appointment
   Purpose : To store appointment info registered by patients.

Field Name	Data Type	Size	constain
a_id	Int	11	PRIMARY KEY
p_name	Varchar	50	NOT NULL
p_mobile	Int	10	NOT NULL
p_address	Varchar	250	NOT NULL
Id	Int	11	NOT NULL
a_date	Date		NOT NULL
a_time	Varchar	20	NOT NULL
Reason	Varchar	1000	NOT NULL
added_on	Datetime		NOT NULL
Status	Varchar	20	NOT NULL

2.Table Name: blog
   Purpose : To store blog information.

Field Name	Data Type	Size	constain
Id	int	11	PRIMARY KEY
blog_cate_id	int	11	FOREIGN KEY
Title	varchar	100	NOT NULL
Image	varchar	150	NOT NULL
Description	varchar	10000	NOT NULL
Status	int	11	NOT NULL

3.Table Name: blog_cate
   Purpose : To store the blog categories.

Field Name	Data Type	Size	constain
blog_cate_id	int	11	PRIMARY KEY
Categories	varchar	255	NOT NULL
Image	varchar	255	NOT NULL
Status	int	4	NOT NULL

4.Table Name: cart_details
   Purpose : To store information about cart.

Field Name	Data Type	Size	constain
Id	int	11	NOT NULL
u_id	int	11	NOT NULL
Image	varchar	100	NOT NULL
Name	varchar	100	NOT NULL
Code	varchar	50	NOT NULL
Mrp	float		NOT NULL
Qty	int	11	NOT NULL
Total	float		NOT NULL

5.Table Name: categories
   Purpose : To store the blog categories.

Field Name	Data Type	Size	constain
pro_cate_id	int	11	NOT NULL
Categories	varchar	255	NOT NULL
Image	varchar	100	NOT NULL
Status	tinyint	4	NOT NULL

6.Table Name : contact_us
Purpose : To store the information about contact page.

Field Name	Data Type	Size	constain
Id	int	11	PRIMARY KEY, AUTO_INCREMENT
Name	varchar	100	NOT NULL
Email	varchar	100	NOT NULL
Mobile	varchar	10	NOT NULL
Comment	varchar	100	NOT NULL
added_on	datetime		NOT NULL

7.Table Name : doc_cate
   Purpose : To store the information about doctors categories.

Field Name	Data Type	Size	constain
doc_cate_id	int	11	PRIMARY KEY
Categories	varchar	255	NOT NULL
Image	varchar	255	NOT NULL
Status	int	4	NOT NULL

8. Table Name : doctor
   Purpose : To store the information about doctors.

Field Name	Data Type	Size	constain
Id	int	11	NOT NULL
Firstname	varchar	50	NOT NULL
Lastname	varchar	50	NOT NULL
Email	varchar	100	NOT NULL
Password	varchar	50	NOT NULL
Mobile	varchar	10	NOT NULL
h_name	varchar	100	NOT NULL
h_address	varchar	250	NOT NULL
Gender	varchar	10	NOT NULL
Image	varchar	100	NOT NULL
Country	varchar	50	NOT NULL
State	varchar	50	NOT NULL
City	varchar	50	NOT NULL
Qualification	varchar	50	NOT NULL
Experience	int	11	NOT NULL
doc_cate_id	varchar	100	FOREIGN KEY
Fees	int	11	NOT NULL
added_on	datetime		NOT NULL
Status	int	11	NOT NULL

9.Table Name : order
   Purpose : To store the information about orders.

Field Name	Data Type	Size	constain
Id	int	11	PRIMARY KEY
u_id	int	11	NOT NULL
Address	varchar	250	NOT NULL
City	varchar	50	NOT NULL
Pincode	int	11	NOT NULL
payment_type	varchar	20	NOT NULL
total_price	float		NOT NULL
payment_status	varchar	20	NOT NULL
order_status	varchar	20	NOT NULL
added_on	datetime		NOT NULL

10.Table Name : order_detail
   Purpose : To store the information about order details.

Field Name	Data Type	Size	constain
Id	int	11	PRIMARY KEY
order_id	int	11	NOT NULL
p_id	int	11	NOT NULL
Qty	int	11	NOT NULL
Mrp	float		NOT NULL
added_on	datetime		NOT NULL

11.Table Name : patients
 Purpose : To store the information about patients.

Field Name	Data Type	Size	constain
p_id	int	11	PRIMARY KEY ,AUTO_INCREMENT
p_name	varchar	50	NOT NULL
p_email	varchar	50	NOT NULL
p_password	varchar	50	NOT NULL
p_mobile	int	10	NOT NULL
p_address	varchar	250	NOT NULL
p_gender	varchar	10	NOT NULL
p_dob	date		NOT NULL
added_on	datetime		NOT NULL

12.Table Name : product
Purpose : To store the information about products.

Field Name	Data Type	Size	constain
Id	id	11	PRIMARY KEY
pro_cate_id	int	11	FOREIGN KEY
Name	varchar	255	NOT NULL
Code	varchar	100	NOT NULL
Mrp	float		NOT NULL
Price	float		NOT NULL
Qty	int	11	NOT NULL
Image	varchar	255	NOT NULL
short_desc	varchar	2000	NOT NULL
Description	varchar	2000	NOT NULL
meta_title	varchar	2000	NOT NULL
meta_desc	varchar	2000	NOT NULL
meta_keyword	varchar	2000	NOT NULL
Status	int	4	NOT NULL

13.Table Name : tbl_admin
Purpose : To store the information about admin.

Field Name	Data Type	Size	constain
Id	int	11	PRIMARY KEY
Username	varchar	255	NOT NULL
Password	varchar	255	NOT NULL
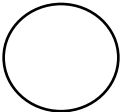
14. Table Name : users

   Purpose : To store the information about users.

Field Name	Data Type	Size	constain
Id	int	11	PRIMARY KEY
Name	varchar	100	NOT NULL
Password	varchar	50	NOT NULL
Email	varchar	50	NOT NULL
Mobile	varchar	10	NOT NULL
added_on	datetime		NOT NULL

Data Flow Diagram

Symbol	Definitions
◯	Process
▭	Data Stores
▭	External Entities
⟶	Data Flow

Context Level DFD

Admin

Customer

Online

Healthcare

System

Patient

Doctors
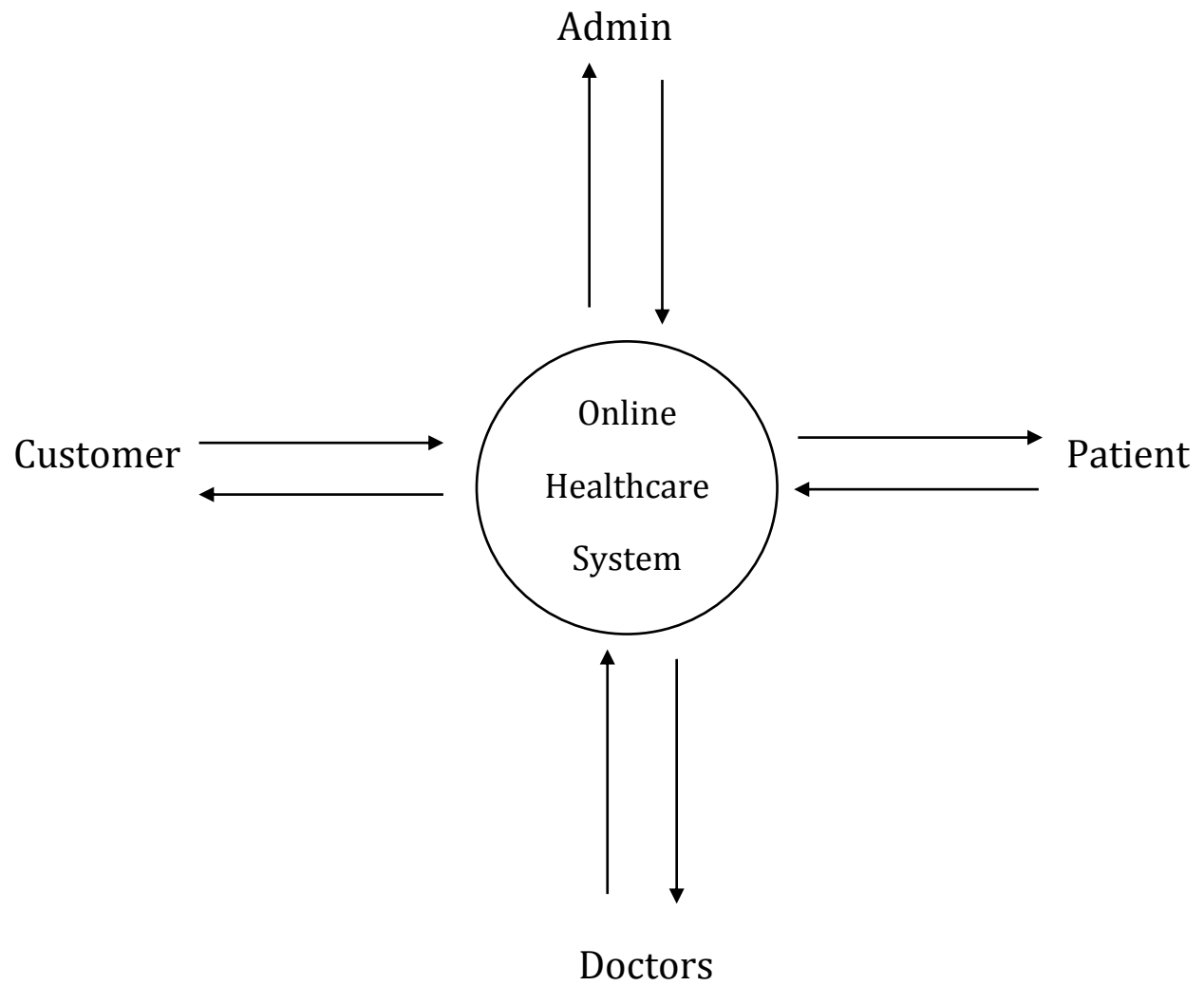
0th Level-DFD

1st level –DFD Admin Side

Admin

1.1
Register

Admin

1.2
Login

Admin

1.3
Manages

Categories

Products

Blogs
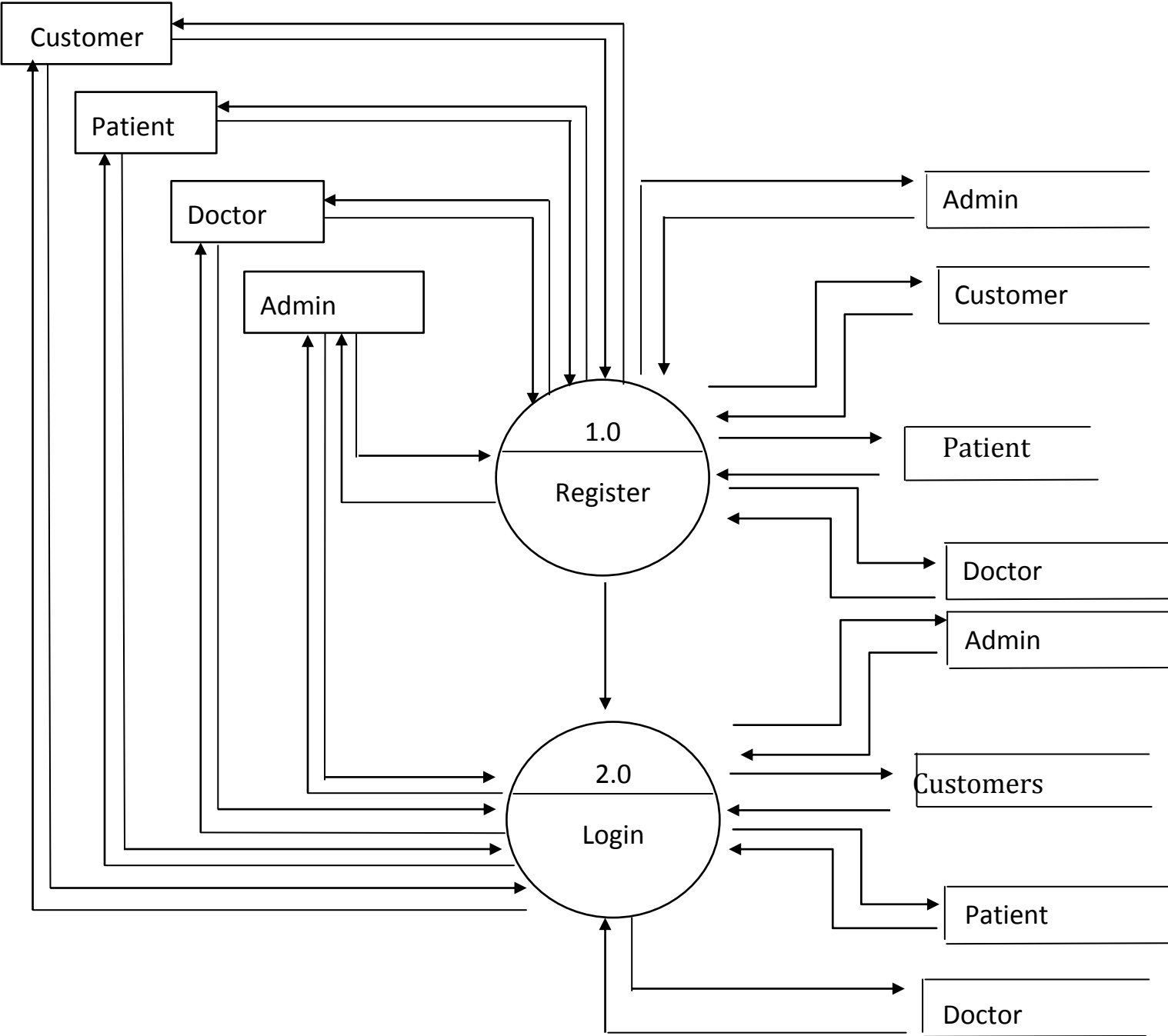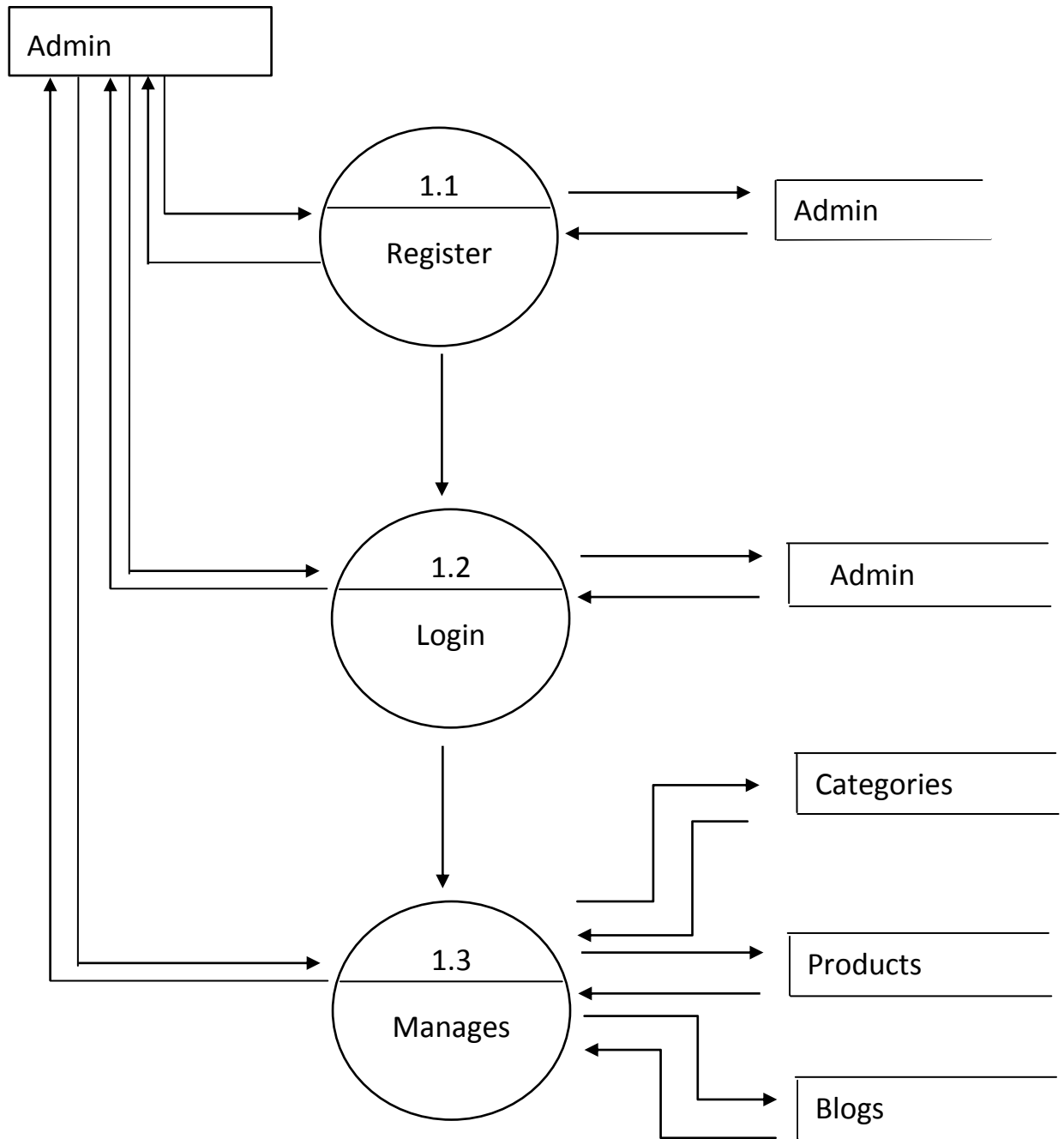
1st level –DFD Customer Side

Admin

1.1
Register

Customer

1.2
Login

Login

1.3
Select

Categories
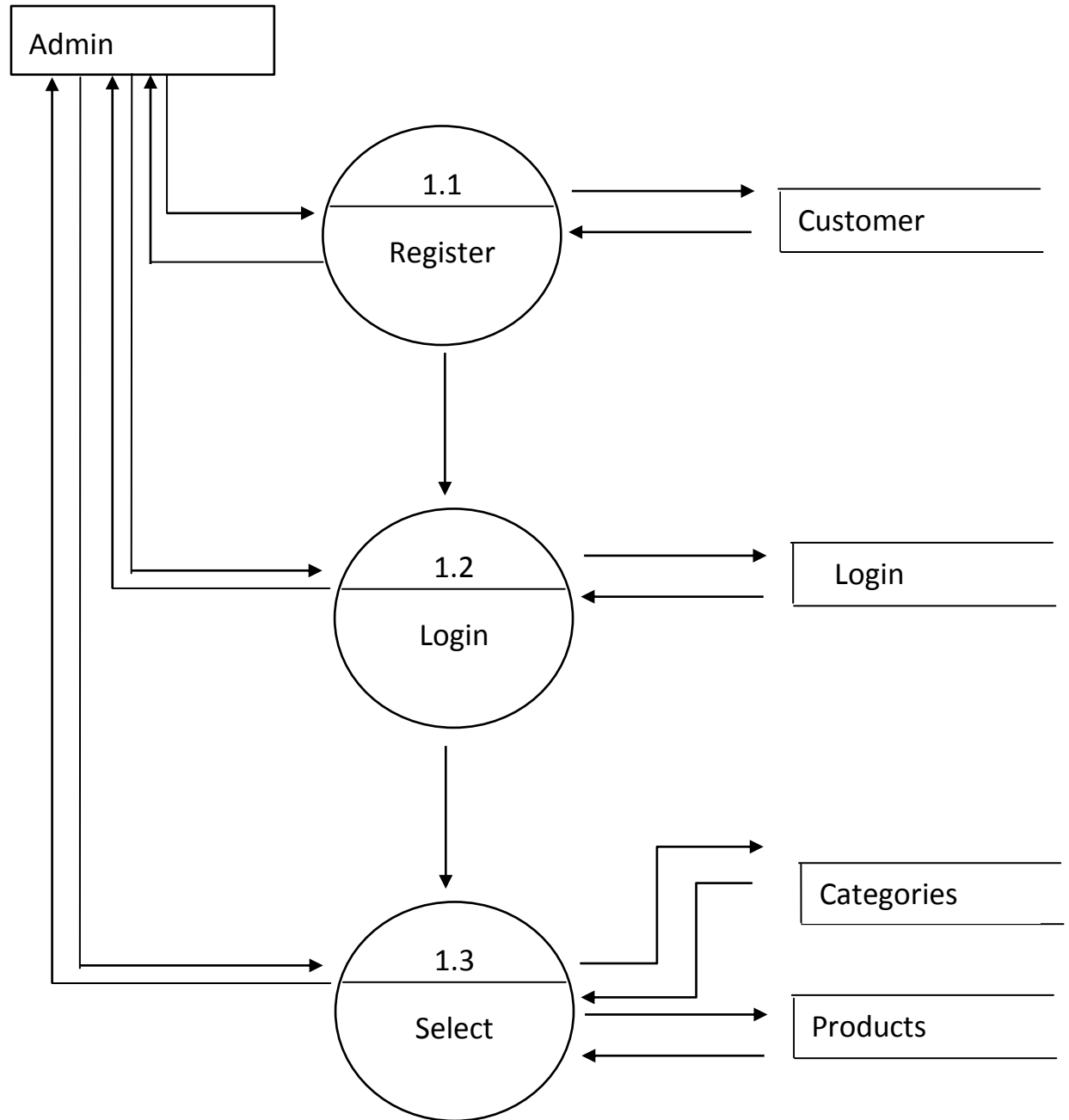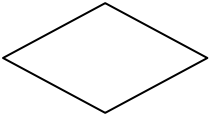
Products

1st level –DFD Patient Side
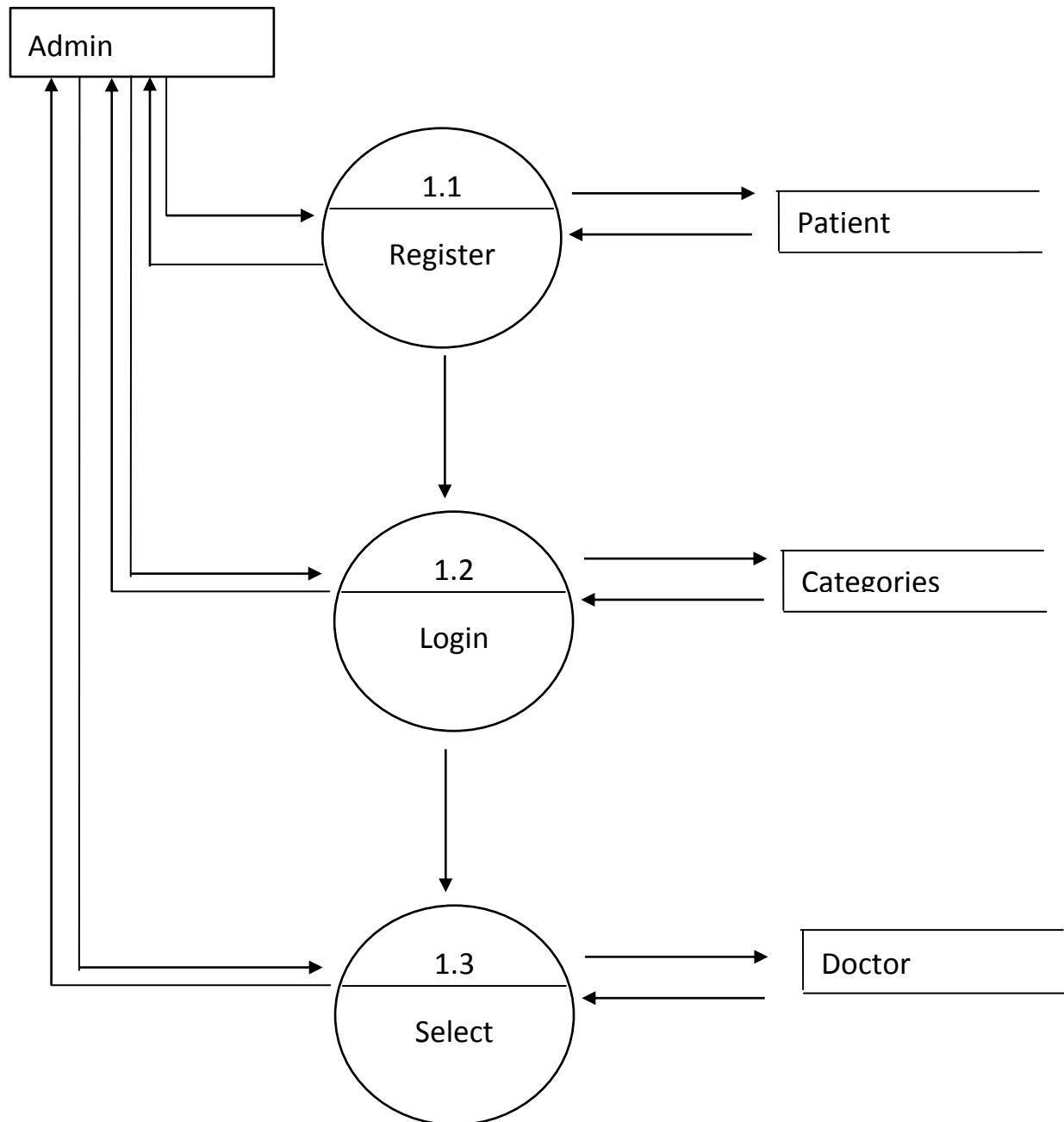
ER diagram

Symbol	Definitions
	Entity
	Attribute
	Relationship
	Primary Key field

Entity-Relationship Diagram

tbl_admin: id, username, password

- tbl_admin *manages* categories (pro_cate_id)
- categories *has* product (id, pro_cate_id)
- tbl_admin *manages* blog_cate (title, blog_cate_id)
- blog_cate *has* blog (id, blog_cate_id)
- tbl_admin *manages* Doc_cate (doc_cate_id, categories)
- Doc_cate *has* doctor (id, lastname, firstname)
- tbl_admin *manages* contact_us (id, name)
- doctor *has* appointment
- patients (p_id, p_name) *has* appointment (a_id, p_name)
- users (name, password, id) *has* cart_details (id, u_id)
- users *has* tbl_order (id, u_id)
- tbl_order *has* order_details (order_id, id)

Form Layout

Home Page

Description : This is the Home page of the site.
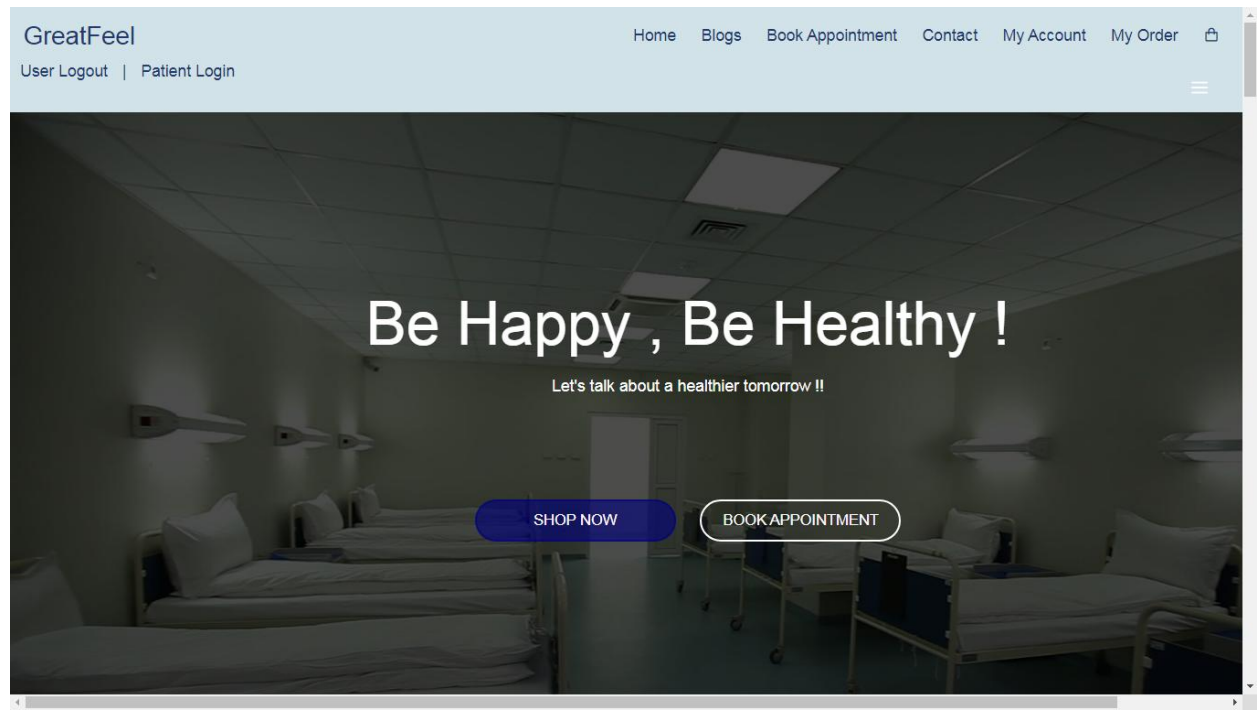
Medical Products

Ayurvedic care	Baby & mom care	Covid Essentials	**See More**

Our Specialists

Dr Saumya SaranRoy Dentist MDS	**Dr ChiragShah** Dentist BDS	**Dr ShravanBohra** Gastroenterologist MBBS, MD(MED), MRCP, FEBG	**See More**

Product Categories Page

Description : This is the product categories page where user can select product Category.

GreatFeel

Home   Blogs   Book Appointment   Contact   My Account   My Order

User Logout | Patient Login

Medical Products

Ayurvedic care   Baby & mom care   Covid Essentials   Devices
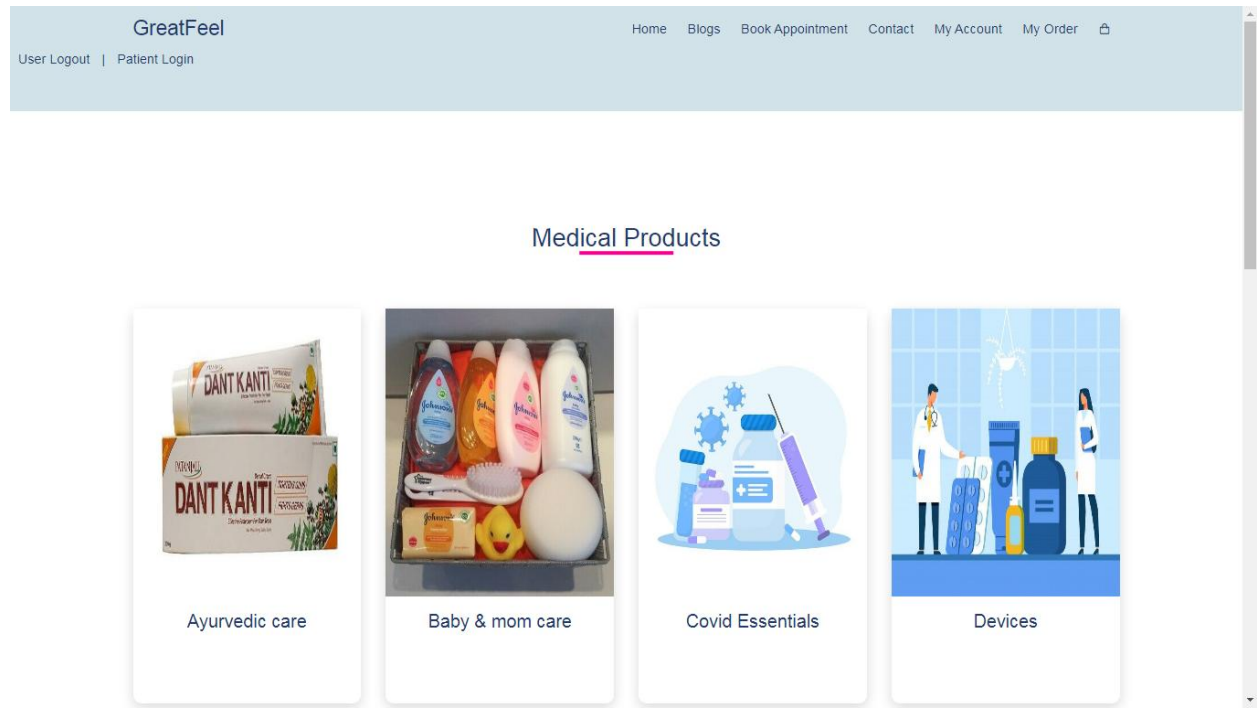
Products Page

Description : This is the product page where user can select any products.

Doctors Page

Description : This is the Doctors page where user can select Doctor to Book appointment.

Dr Akash

Email_Id : Akash454@gmail.com
Contact No : 9081762531
Hospital/Clinic NameShah
Address : a/23 Community Centre 3rdth Floor, East Of Kailash,jamnagar
Gender : Male
Country : India
State : GUJARAT
City : Jamnagar
Speciality : 9
Qualification : MBBS, MD(Gen Med), DM(MedOnco)
Experience : 5 years
Fees for consultaion : 400

Select Time : 10:00 to 10:30   Book Appointment

Patient Login

Description : This is the Patients login page where patient can Login/register.

User Logout | Patient Login

LOGINREGISTER

Patient-Id or Contact No*

Password*

LOGIN

Don't have account?? SignUp/Register

CONTACT US

06 Patel Colony, Gandhi Road, 7131
Aherndabad, India
company@gmail.com
456-456-4512
Dream City, USA

My Appointment Page

Description : This is the Appointment page where user can View Booked Appointments.

GreatFeel   Home   Blogs   Book Appointment   Contact   My Account   My Order   My Appointment

User Logout | Patient Logout

Appointment id	Patient Name	Patient Contact No	Patient Address	Doctor Name	Appointment Date	Appointment Time	Reason	Status
4	jk	1234567899	jk	Dr AkashShah	2021-10-28	06:00 to 06:30	fever	Booked

User Login Page

Description : This is the User Login page where user can Login or Register.

LOGIN | REGISTER

Email-Id or Contact No*

Password*

LOGIN

Don't have account?? SignUp/Register

CONTACT US

06 Patel Colony, Gandhi Road, 7131
Aherndabad, India
company@gmail.com
456-456-4512
Dream City, USA

Cart Page

Description : This is the cart page where user can view products added to cart.

GreatFeel   Home   Blogs   Book Appointment   Contact   My Account   My Order   My Appointment

User Logout | Patient Logout

Product	Quantity	Subtotal
Lotus Herbals WhiteGlow Skin Whitening And Brightening Gel, Face Cream Price: $170 Remove	- 1 +	170

Subtotal	$50.00
Tax	$50
Total	$250

Proceed To Checkout
CONTINUE SHOPPING
CHECKOUT

CONTACT US

06 Patel Colony, Gandhi Road, 7131

Checkout Page

Description : This is the Checkout Page page where user can perform checkout process.

GreatFeel

Home   Blogs   Book Appointment   Contact   My Account   My Order   My Appointment

User Logout | Patient Logout

Cart

Image	Product_Name	MRP	Qty	Total	Remove	Grand_Total
	Lotus Herbals WhiteGlow Skin Whitening And Brightening Gel, Face Cream	170	1	170	Delete	170

Address*

City*

Pincode*

CHECKOUT

Admin Side

Product Categories-master Page

Description : This is the Product Categories-master Page where admin can add, edit or remove product categories.

Dashboard	GreatFeel				Administrador Super Admin

Categories
Add Categories

#	ID	Categories	Image	Status
1	5	Ayurvedic care		Active Edit Delete
1	6	Baby & mom care		Active Edit Delete
1	1	Covid Essentials		Active Edit Delete
1	2	Devices		Active Edit Delete
1	10	Diabetic care		Active Edit Delete
1	9	Home care		Active Edit Delete
1	3	Nutrition & fitness supplements		Active Edit Delete

Sidebar: Categories Master, Product Master, Order Master, User Master, Contact Us, Doctor's Categories, Doctors' List, Blog categories, Blog

Product-Master Page

Description : This is the Product-master Page where admin can add, edit or remove products.

Dashboard

GreatFeel

Categories Master

Product Master

Order Master

User Master

Contact Us

Doctor's Categories

Doctors' List

Blog categories

Blog

Products
Add Product

#	ID	Category	Name	Code	MRP	Image	Price	Qty	Action
1	87	Skin care	Lotus Herbals WhiteGlow I	QN410	230		230	671	Active Edit Delete
1	86	Skin care	Lotus Herbals WhiteGlow Skin Whitening And Brightening Gel, Face Cream	FU619	170		170	561	Active Edit Delete
1	85	Home care	Mortein 2-in-1 Mosquito and Cockroach killer Spray	PDS519	160		160	617	Active Edit Delete
1	84	Ortho care	Vicks Inhaler	VI156	55		50	516	Active Edit Delete
1	83	pet care	Drools Absolute Calcium Bone Jar	FFAZ34	220		220	710	Active Edit Delete
1	82	pet care	Pet en Care Munchy Sticks	RN681	90		80	634	Active Edit Delete
			Captain Zack						Active Edit Delete

Order-master

Description : This is the Order-master Page where admin can View Orders.

Dashboard	GreatFeel				Administrador
					Super Admin

	Order Id	Order Date	Address	Payment Type	Payment Status	Order Status
Categories Master	39	2021-10-27 11:06:49	patel colony, street no-5	COD	Pending	Success

Product Master

Order Master

User Master

Contact Us

Doctor's Categories

Doctors' List

Blog categories

Blog

Doctors Categories

Description : This is the doctors categories Page where admin can add, edit or remove doctor categories.

Doctors-page

Description : This is the Doctors Page where admin view or deactive Doctors.

Blogs-categories

Description : This is the Blog Categories Page where admin can add, edit or remove blog categories.

Dashboard

GreatFeel

Administrador
Super Admin

Categories Master

Product Master

Order Master

User Master

Contact Us

Doctor's Categories

Doctors' List

Blog categories

Blog

Categories
Add Categories

#	ID	Categories	Image	Status
1	1	Childrens		Active Edit Delete
1	3	old age		Active Edit Delete
1	2	young age		Active Edit Delete

Blog Page

Description : This is the Blogs Page where admin can add, edit or remove Blogs.

Limitation & Future Enhancement

● Limitation:

☐ Smart card technology is not supported.
☐ Document scanning services are not provided.
☐ Product delivery tracking can not be done.

● Future Enhancement :

☐ E-wallet system can also be applied.
☐ Options of debit and credit payment can be added.
☐ Product delivery tracking facility can be included.
☐ Document scan can be added.

Bibliography

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