

E-Commerce website for farming essentials

A PROJECT REPORT

Submitted for the course: Internet and Web Programming (CSE3002)

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Vellore Institute of Technology

(Decreed to be University under section 3 of UGC Act, 1956)

JUNE 2021

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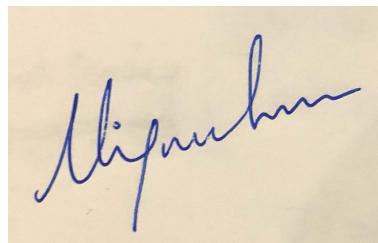
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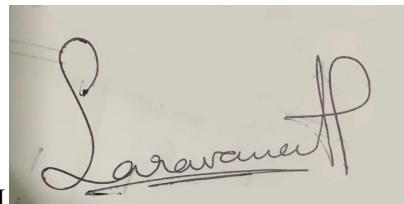
Date: 5th JUNE, 2021

Signature of Student:

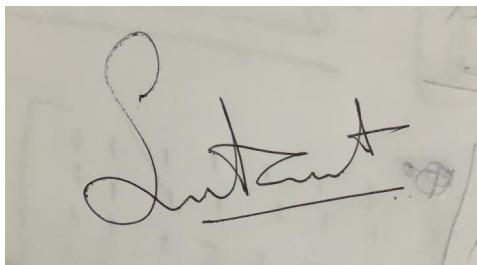
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1. Abstract

“**Shades of Spade**” is an E-commerce website, specifically designed to help customers purchase equipment, fertilizers, seeds, crops, etc. whichever materialistic entity is concerned with the nature of farming, be purchased from one single place.

This initiative was born out of the right use of our creative quotients, after in-depth analysis of persistent problems in our society. The availability of farming equipment for the right purpose, that too from one single platform, will motivate an individual to take up this wonderful profession as a part-time hobby/passion.

The importance of farming is known to all, but even after realising the fact that farming is dying, many people, who wish to act upon the same are unable to, due to time constraints, societal pressure or simply not knowing how to go about with it.

Shades of Spade is an E-commerce website, which is a platform of sales of all farming equipment and cultivation products a farmer will ever need. People who have been living in cities will finally find the right platform, which can help them gain a kickstart in the farming hobby.

To build the website, we have used Front-End Web Technologies like HTML, CSS, Javascript and JQuery. For scripting and connecting the front-end to the back-end, we have used PHP language. For the Back-End part, we have used SQL language and XAMPP hosting services to test and dry run our work, which also helps us manage our databases.

The website has a User section and Admin section. Under the User section, the user can create an account and log into the same. The user can view and select categories of products which he/she wishes to shop and add it to the cart. The user can also rate the quality and efficiency of the product and provide testimonials regarding their overall experience with the website.

Under the Admin section, the admin can monitor the list of users registered with Shades of Spade, view the list of products which are up for sale on the website, and also view the testimonials that each user has given regarding the working of the website.

As an overall conclusion, **Shades of Spade** is a really efficient and innovative approach to take advantage of the growing technology and use it the right way to solve common people's problems.

2. Introduction

a. Problem Statement

To build an E-commerce website for farming essentials, which would be one stop for every farming products. We also intend to provide guidance to people who wish to begin farming but have no prior experience. We aim to develop a website where users can order products, view their products, review the products, give feedback to the website and view guidance. Furthermore, we also provide the admin side of the website for managing feedback, product rating and user accounts.

b. Technical Specification

i. Front-End Development Languages:

HTML

Hyper Text Markup Language (HTML) is the backbone of any website development process, without which a web page doesn't exist. Hypertext means that text has links, termed hyperlinks, embedded in it. A markup language indicates text can be turned into images, tables, links, and other representations. It is the HTML code that provides an overall framework of how the site will look. HTML was developed by Tim Berners-Lee. The latest version of HTML is called HTML5 and was published on October 28, 2014 by the W3 recommendation. This version contains new and efficient ways of handling elements such as video and audio files.

CSS

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is designed to enable the separation of presentation and content, including layout, colours, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file, and reduce complexity and repetition in the structural content.

JavaScript

JavaScript often abbreviated as JS, is a high-level, interpreted programming language. Alongside HTML and CSS, JavaScript is one of the three core technologies of the World Wide Web. JavaScript enables interactive web pages and thus is an essential part of web applications. The vast majority of websites use it, and all major web browsers have a dedicated JavaScript engine to execute it. JavaScript's code can use the Document Object Model (DOM), provided by the HTML standard, to manipulate a web page in response to events, like user input.

ii. Server-Side Programming

PHP

Hypertext Preprocessor (or simply PHP) is a server-side scripting language designed for Web development. PHP code may be embedded into HTML code, or it can be used in combination with various web template systems, web content management systems, and web frameworks. PHP code is usually processed by a PHP interpreter implemented as a module in the web server or as a Common Gateway Interface (CGI) executable. The web server combines the results of the interpreted and executed PHP code, which may be any type of data, including images, with the generated web page. PHP code may also be executed with a command-line interface(CLI) and can be used to implement standalone graphical applications.

MySQL

MySQL is an open-source relational database management system (RDBMS). It is particularly useful in handling structured data where there are relations between different entities/variables of the data. It uses the standard SQL. MySQL is the de-facto standard database system for web sites with huge volumes of both data and end-users (like Facebook, Twitter, and Wikipedia). Another great thing about MySQL is that it can be scaled down to support embedded database applications.

- c. Possible tools to be user
 - i. Visual Studio Code

For front-end and back-end development of the website.

- ii. MySQL Command Line

For database management on the server side.

- iii. PHP Interpreter:

For server-side PHP language interpretation we will be using PhpMyAdmin on Apache Server.

3. Existing System Problems

There are several e-commerce websites for buying farming products but none of them help newcomers to farming. Our website provides proper guidance to the beginners. This makes our project unique. Our website would be an e-commerce site plus the guidance for beginners. Our website totally solves:

- Lack of proper guidance to newcomers to farming
- Improper and less user-friendly design
- Lack of proper categorization
- Lack of proper search and filter options

4. Proposed System Design

a. MySQL Table Structures

i. Admin table:

Fig. 4.1: This table consist of all the admin login information. It has 3 columns.

Your SQL query has been executed successfully.						
desc admin						
+ Options						
Field	Type	Null	Key	Default	Extra	
Admin_ID	int(11)	NO	PRI	NULL		
Username	varchar(50)	NO		NULL		
Password	varchar(200)	NO		NULL		

ii. Users table

Fig. 4.2: The user table consists of user information. It has 6 columns.

Your SQL query has been executed successfully.						
desc users						
+ Options						
Field	Type	Null	Key	Default	Extra	
id	int(10)	NO	PRI	NULL	auto_increment	
username	varchar(30)	NO		NULL		
email	varchar(30)	NO		NULL		
password	varchar(500)	NO		NULL		
mobile	int(10)	NO		NULL		
country	varchar(30)	NO		NULL		

iii. Feedback table:

Fig. 4.3: This table stores general feedback of website given by any user with an account or without an account. It has 6 columns

Your SQL query has been executed successfully.						
<code>desc feedback</code>						
+ Options Field Type Null Key Default Extra feedbackid int(11) NO PRI NULL auto_increment firstname varchar(255) NO NULL lastname varchar(255) NO NULL email varchar(255) NO NULL phone varchar(255) NO NULL message text NO NULL						

iv. Product table

Fig. 4.4: This table stores information about all the products sold in the website. It has 8 columns.

Your SQL query has been executed successfully.						
<code>desc product</code>						
+ Options Field Type Null Key Default Extra Product_ID int(15) NO PRI NULL auto_increment Product_Name varchar(100) NO NULL Category varchar(100) YES NULL Price double NO NULL Description longtext NO NULL Image_URL varchar(200) NO NULL freq varchar(10) NO NULL subcategory varchar(255) YES NULL						

v. Product review table

Fig. 4.5. This table stores information about the reviews associated with each product. It has 6 columns.

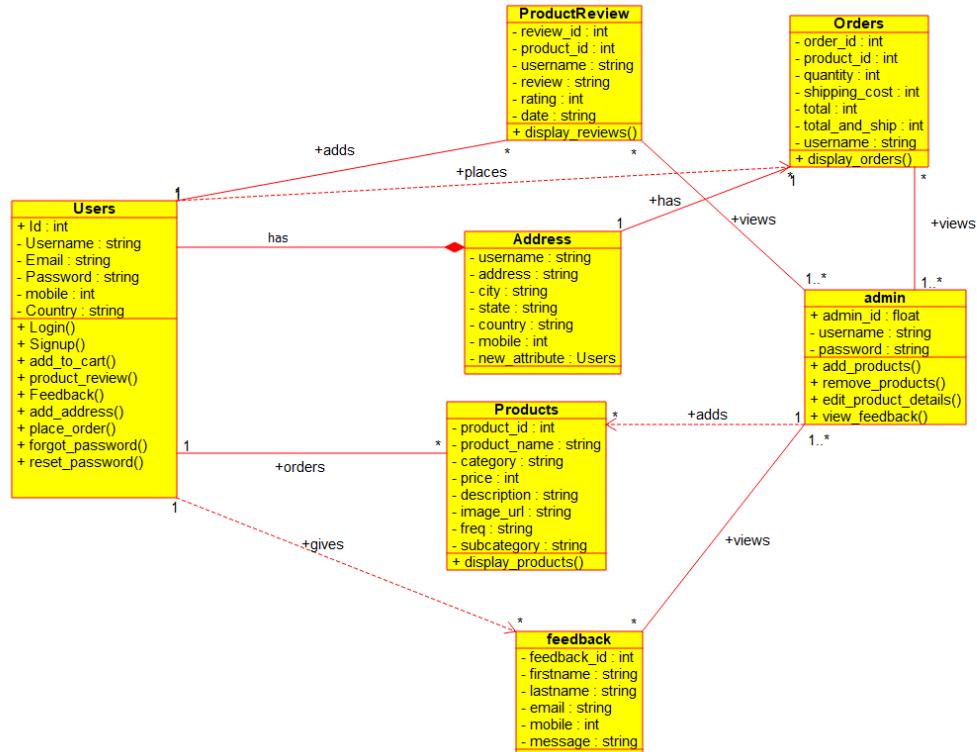
Your SQL query has been executed successfully.						
<code>desc `productreview`</code>						
+ Options Field Type Null Key Default Extra reviewid int(11) NO PRI NULL auto_increment productid int(100) NO NULL username varchar(100) NO NULL review text NO NULL rating int(2) NO NULL date varchar(255) NO NULL						

vi. Orders table

Fig. 4.6. This table stores information about the orders of the users. It has 10 columns.

Your SQL query has been executed successfully.						
desc orders						
+ Options						
Field	Type	Null	Key	Default	Extra	
Orderid	int(11)	NO	PRI	NULL	auto_increment	
Username	varchar(255)	NO		NULL		
name	varchar(255)	NO		NULL		
Address	varchar(255)	NO		NULL		
City	varchar(255)	NO		NULL		
State	varchar(255)	NO		NULL		
Country	varchar(255)	NO		NULL		
Phone	int(15)	NO		NULL		
total	int(20)	NO		NULL		
Shippingcost	int(10)	NO		NULL		

b. UML diagram of proposed system



c. Pseudocode

i. Sign up function(users)

- End-user clicks the sign up button.
- End-user is directed to the registration form
- End user must fill up the details required. The details will be validated using JavaScript on the client-side.
- On submission of the form, the PHP script is called to register the user onto the database
- Server-side only allows the registration to be done if no same username is found
- If username is present in the database, then return Username already exists
- Else register the new user to the user table using the details in the form and password is hashed using SHA512 and stored in the users table.

ii. Login function(for user and admin)

- End-user clicks login button
- End-user is directed to the login form
- End-user fills the details required.
- On submission of the form, the PHP script is called to check the credentials
- The username is first checked if it exists in the database
- If the username exists in the database, retrieve the password hash from database
- Entered password is hashed
- The retrieved password hash and the password hash which was generated by hashing the password entered by user is checked if they are same
- If they are same, then the user is logged in and session is created.
- Else if they are different, then return wrong password
- Else if the username doesn't exist, then return invalid username.
- The login form is requested by the end-user, either NGO form or User Login form is returned respectively.

iii. Product page function(for User)

- The end-user clicks on the product page
- On click of the button, the PHP script is called to retrieve products from the database
- The retrieved product is displayed to the user

iv. Filter products subcategory (for User)

- The end-user clicks on a subcategory in the subcategory drop down list
- On clicking the option, the PHP script is executed to retrieve products from the list part of the subcategory clicked
- The products retrieved are displayed to the user

v. Filter products price (for User)

- The end-user selects the range of price and clicks filter
- On clicking the option, the PHP script to retrieve products from the list between the range of price requested by the user
- The products retrieved are displayed to the user

vi. View product detail function(for User)

- The end-user clicks on the product

- On clicking the product, the PHP script is executed to retrieve details of product and product reviews from database
 - The details of the product and product review is displayed to the user
- vii. Add to cart function(for User)
 - The add to cart button is displayed if the user is logged in, otherwise the add to cart button is displayed.
 - The end user selects quantity and clicks add to cart
 - On click of add to cart button, php script is executed, the product and quantity are stored as session variables
 - Returns product added to cart
- viii. Cart function (for User)
 - The end-user clicks cart
 - On click of cart, php script is executed, the product and quantity of product is retrieved from php session.
 - The retrieved details are displayed to the user
- ix. Shopping cart function(for User)
 - The end-user clicks go to cart in drop down cart
 - On click on the go to cart button, php script is executed, the product and quantity details are fetched from the session
 - The product, quantity and total amount is displayed to the user.
- x. Give review function (for User)
 - The end user clicks on rating, enters review and clicks submit
 - On click of the submit button, php script is executed, the review is insert into the product review table
 - The review is displayed to the user in the list of product reviews
- xi. Add address function (for user)
 - The end user enters address details and clicks add address
 - On click of add address, PHP script executes and stores address as a session variable
 - Return address added
- xii. Checkout function(for User)
 - The end user clicks place order in the checkout page
 - On click of place order button, the php script executes, order details are stored in the orders table if address details are found.
 - If address details found, order details are stored in the order table and return order placed
 - Else return Enter address.
- xiii. View orders function(for Users)
 - The end user clicks view order
 - On click of view order button, php script executes and retrieves all orders placed by the user.
 - The orders retrieved are displayed to the user
- xiv. Cancel order function(for User)
 - The end user clicks cancel order
 - On click of cancel order button, php script executes and deletes the order in the database.
 - Return the list of orders

- xv. Log out function(for user and admin)
 - The end user clicks log out
 - On click of log out button, php script executes and session is destroyed.
 - Return home page
- xvi. Add product(for admin)
 - The admin enters product details and clicks add product
 - On click of add product, php script executes and the product details are stored in the product table
 - Return product added
- xvii. View product (for admin)
 - The admin clicks view products button
 - On click of view products button, the product list is retrieved from the products table
 - Retrieved product details are displayed to the admin
- xviii. Remove product(for admin)
 - The admin clicks remove product button
 - On click of remove product button, php script executes and the product is deleted from the product table
 - Return the list of products in the product table.
- xix. View feedback(for admin)
 - The admin clicks feedbacks button
 - On click of the feedbacks button, the php script executes and the feedbacks are retrieved from the feedbacks table
 - Display the reviews of the product retrieved.
- xx. Edit product information (for admin)
 - The admin clicks on the product information they have to edit
 - On click of edit button, the admin is prompted to enter the new information details and after entering the new information the admin click submit
 - On the click of submit button after entering the new information, the php script is executed to update the information stored the database.
 - If the information is replaced successfully, return updated successfully
 - Else return update unsuccessful

5. Modules and their Description

a. User registration

The registration module will consist of a form for creating an account for the user on the website. These details gained in this module would be used in the login module for authentication purposes

b. Admin and user registration

The login module will take in username and password as input. It allows user to login to the website. The user must be logged in to the website to order any products or to give any feedbacks on the product or the website

c. Reset password

This module will help the user to reset his/her password.

d. Forgot password

This module will help users to reset their password through an otp, if they forget their password.

e. Contact module

This module will provide information to the user about the contact details and location of the company.

f. About module

This module will give information about the company to the users

g. Products module

This module will give information about the available products, price, and the description about the products

h. Add to cart module

This module will allow users to add the products and quantity of the product that the users wish to buy to the cart

i. Cart module

Cart module will consist of all the products with their quantities that were added to cart, their individual prices and total value of the order. This module will also allow users to change the quantity of the product.

j. Place order module

This module will allow users to enter their shipping address, contact details and to place the order

k. View order module

This module will allow users to view their orders and cancel their order.

l. Review module

This module will allow users to view the reviews and to add reviews about the product

m. Search module

This module will allow users to search for a product or a category.

n. Manage product module

The admin has the ability to add/delete/modify products details of the catalogue of the website, which is enforced by this module.

o. View feedback modules

This module allows admin to view the reviews associated with a product

p. View users module

This module allows admin to view users accounts and details.

6. MySQL tables (as seen in phpMyadmin)

a. admin table

i. Populated with test data:

Fig. 6.1: admins table with 3 populated test data

The screenshot shows the phpMyAdmin interface for the 'admins' table. The SQL query at the top is 'SELECT * FROM `admin`'. The results show three rows of data:

	Admin_ID	Username	Password
<input type="checkbox"/>	1	admin1	419b199de5751e4ac1e1ed5e601007331344f75d5939829eb...
<input type="checkbox"/>	2	admin2	b109f3bbbc244eb82441917ed06d618b9008dd09b3befd1b5e...
<input type="checkbox"/>	3	admin3	977dfa6638462e0db3a4ad1e6718bc3ce2c8fcfc43e1fd791b...

Below the table are standard phpMyAdmin navigation and search controls.

b. users_table

i. Populated with test data:

Fig. 6.2: User's table with 3 populated test data

The screenshot shows the phpMyAdmin interface for the 'users' table. The SQL query at the top is 'SELECT * FROM `users`'. The results show three rows of data:

	id	username	email	password	mobile	country
<input type="checkbox"/>	1	asdfsadfas	ab@12.com	bcd193786bfbe8426824974ba99e26bdc385c6931de0835a69...	1234567890	India
<input type="checkbox"/>	7	user1	user1@gmail.com	51812521c252a139c713d3acfbe32b2fc1da7e6f83309e4d33...	1231231231	Italy
<input type="checkbox"/>	8	Saravanan	hsaravanan29@gmail.com	0f4fe98054cd0fd75cea607dd1cb5336428e9da7a2031b7d29...	2147483647	India

Below the table are standard phpMyAdmin navigation and search controls.

c. product_table

i. Populated with test data

Fig.6.3: Sample of product's table with 106 populated data

SELECT * FROM `product` ORDER BY `Product_Name` ASC							<input type="checkbox"/> Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]				
		1	>	>>	<input type="checkbox"/> Show all	Number of rows:	25	Filter rows:	Search this table	Sort by key:	None
+ Options		Product_ID	Product_Name	Category	Price	Description	Image_URL	freq	subcategory		
<input type="checkbox"/>				91	ACROBAT FUNGICIDE(100g)	Pesticides	690	Acrobat is a systemic fungicide that protects plan...	uploads/acrobat.jpg	no	Fungicides
<input type="checkbox"/>				77	Agrovit (500 gm)	Fertilizers	160	Agrovit is an Agricultural Wetting Agent. It is sa...	uploads/agrovit.jpg	yes	All
<input type="checkbox"/>				66	Antirrhinum seeds(1 Pack)	Seeds	30	Antirrhinum is a genus of plants commonly known as...	uploads/antirrhinum.jpg	no	Flower seeds
<input type="checkbox"/>				37	Apple seeds (1KG)	Seeds	4200	An apple is an edible fruit produced by an apple t...	uploads/apple.jpg	yes	Fruit seeds
<input type="checkbox"/>				23	Arikara yellow beans (1KG)	Seeds	213	A bean is the seed of one of several genera of the...	uploads/arikara.jpg	no	Vegetable seeds
<input type="checkbox"/>				51	Avocado seeds(1KG)	Seeds	3400	The avocado, a tree likely originating from south....	uploads/avocado.jpg	no	Fruit seeds
<input type="checkbox"/>				101	BACTINASH 200 BACTERICIDE(100g)	Pesticides	350	Mode of action and group: An immunomodulator of pl...	uploads/bactinash.JPG	no	Bactericides
<input type="checkbox"/>				39	Banana seeds (1KG)	Seeds	1500	A banana is an elongated, edible fruit æ“ botanic...	uploads/banana.jpg	no	Fruit seeds
<input type="checkbox"/>				6	Barley	Seeds	130	NatureVit Pearl Barley (Jau) [all natural, gluten...	uploads/barley.jpg	no	Cereals

d. product_review table

i. Populated with test data

Fig.6.4. Product review's table with 4 populated data

SELECT * FROM `productreview`							<input type="checkbox"/> Profiling [Edit inline] [Edit] [Explain SQL]		
		Show all	Number of rows:	25	Filter rows:	Search this table	Sort by key:	None	
+ Options		reviewid	productid	username	review		rating	date	
<input type="checkbox"/>				18	6 Saravanam	Excellent quality pearl barley. Properly husked, h...	5	03-06-2021	
<input type="checkbox"/>				19	46 Saravanam	It is usually a long process to use muskmelon seed...	5	03-06-2021	
<input type="checkbox"/>				20	57 Saravanam	Nothing got germinated, worst product.0 % germinat...	1	03-06-2021	
<input type="checkbox"/>				21	35 asdfsadfas	Almost 90% of the seeds germinated within 6-7 days...	5	03-06-2021	

e. feedback_table

i. Populated with test data

Fig.6.5. General feedback's table with 4 populated data

SELECT * FROM `feedback`							<input type="checkbox"/> Profiling [Edit inline] [Edit] [Explain SQL]		
		Show all	Number of rows:	25	Filter rows:	Search this table	Sort by key:	None	
+ Options		feedbackid	firstname	lastname	email	phone	message		
<input type="checkbox"/>				12	Bill Clinton	billiclinton@clinton.com	1111111111	I use SoS.com often, and 99% of the time, they do ...	
<input type="checkbox"/>				13	Brian User	brian@gmail.com	1231231231	I am impressed with delivery. They have been right...	
<input type="checkbox"/>				14	Patience Parker	patience@gmail.com	7272819241	Convenience of shopping online with very reasonabl...	
<input type="checkbox"/>				15	Irene Savage	irene@savage.com	1231231444	SoS is like a big bully, if the product is right a...	

f. Order_table

i. Populated with test data

SELECT * FROM `orders`											Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]				
		Show all		Number of rows:		25		Filter rows:		Search this table		Sort by key:		None	
+ Options															
Orderid	Username	name	Address	City	State	Country	Phone	total	Shippingcost						
27	asdfsadfas	abcd	abcd	abcd	abcd	India	2147483647	1844	50						
28	user1	User	user1s address	city	state	Italy	1231231231	410	50						
29	Saravanan	Saravanan	53, 1st Floor, 5th Cross, Vasantha Nagar	Bengaluru	Karnataka	India	2147483647	1600	100						

7. Module Implementation Screenshots:

- a. User registration

Fig. 7.1: The image shows the user registration form accessed from site's registration page. The user needs fills up the form to register with the website. Having an account and making sure its logged in is essential to make orders.

Sign Up
Please fill in this form to create an account.

Email

Username

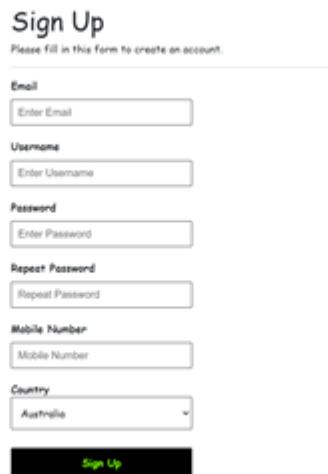
Password

Repeat Password

Mobile Number

Country

Sign Up



- b. User login:

Fig. 7.2: User login form as viewed from the site's login page. After registration user can login through this form.

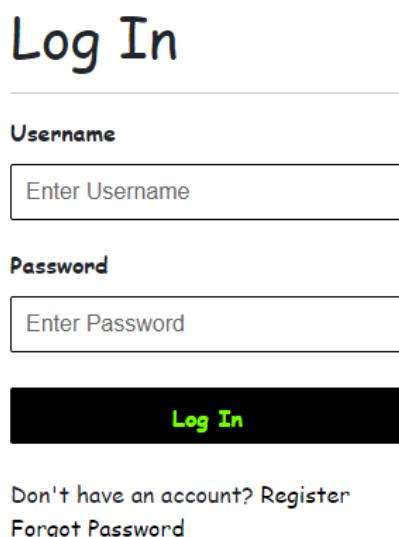
Log In

Username

Password

Log In

Don't have an account? [Register](#)
[Forgot Password](#)



- c. Forgot Password

Fig. 7.3: Forgot form as viewed from the site's forgot password page.

Forgot Password

Username

[Remember the password? Login](#)

Forgot Password

Enter OTP received through your email

Enter new password

Re-type new password

[Remember the password? Login](#)

- d. Reset Password:

Fig. 7.4: Reset password form as viewed from the site's reset password page and this can be viewed only after login

Reset Password

Previous Password

New Password

New Password

- e. Home page

Fig 7.5. Home page as viewed from both registered and unregistered users



Frequently Bought Products



About Us	Contact Info	Important Links
<p>Shades of Spade, an E-commerce website, for sale of farming equipment and cultivation products a farmer will ever need. Specifically designed to help customers purchase equipment, fertilizers, seeds and crops.</p>	<p>Address : Tiruvalam Rd, Katpadi, Vellore, Tamil Nadu 632014 Phone : +918888888888 Email : support@sos.com</p>	<p>Home About Contact Products</p>
<small>Copyright ©2021 All rights reserved A work by Saravanan,Sukant and Vigneshwaran</small>		

f. Product page

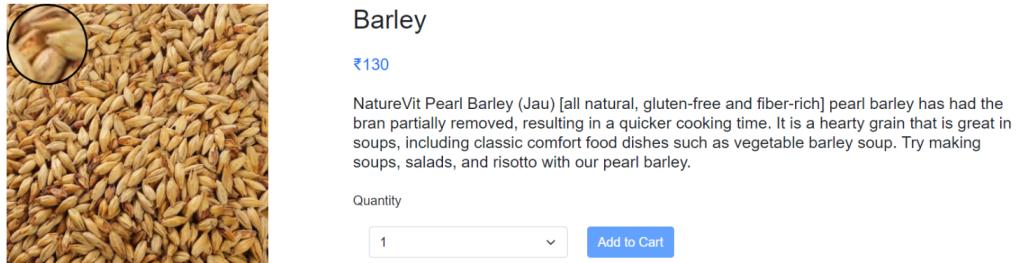
Fig. 7.6: The image shown below is the product page of the website:

The screenshot shows a website interface for 'Shades of Spade'. At the top, there's a navigation bar with links for Home, About, Products (underlined), Contact, Cart (with a '0' icon), and Sign Up. A search bar with placeholder 'Enter product' and a magnifying glass icon is also at the top. Below the navigation, there are category links: All, Seeds, Fertilizers, Pesticides, and Machinery & Tools. A dropdown menu is open under 'All' with 'Cereals' selected. There's a price filter slider from ₹0 to ₹5000 with a 'Filter' button. The main content area displays a grid of 10 product cards, each showing a close-up image of a seed or cereal and its name with a price. The products are arranged in two rows of five.

Product	Price (₹)
Barley	130
Cowpea Seeds (1KG)	180
Black gram (1KG)	299
Gram (1KG)	180
Ground nut (1KG)	230
Horse Gram(1KG)	250
Green Gram (1KG)	200
Maize (1KG)	290
Wheat seeds (1KG)	150
Paddy (1KG)	170

- g. Product Details Page:

Fig.7.7. Product details page viewed from both registered and unregistered users



Customer Reviews

Excellent quality pearl barley. Properly husked, healthy and wholesome grains. Hygienic packing, lovely texture and taste. Highly recommended.
-- Saravanan 03-06-2021

5 / stars ★★★★☆

Review the product:

Rating: ★ ★ ★ ★

Review:

Submit

- h. Shopping cart:

The screenshot shows a shopping cart summary. At the top left is the heading 'Shopping Cart' and '3 items'. The main area lists an item: 'Cowpea Seeds (1KG)' with a quantity of '3' and a price of '₹180'. To the right is a 'Summary' section. It shows 'ITEMS 3 ₹540', 'SHIPPING Standard-Delivery- ₹50' (with a dropdown menu), and 'TOTAL PRICE 590'. At the bottom right is a large blue 'CHECKOUT' button. At the bottom left is a link 'Back to shop'.

i. Checkout:

Fig.7.9 Checkout page after user completes filling the shopping cart

The screenshot shows a checkout interface. On the left, there's a form titled "Enter shipping Address" with fields for "Enter Full Name", "Address", "City", "State/Province/Region", and "ZIP". On the right, a "Summary" panel displays "Items 3" at ₹540, "SHIPPING" for "Standard-Delivery" at ₹50, and a "TOTAL PRICE" of ₹590. A blue "Place Order" button is at the bottom of the summary panel.

j. Contact us Page:

Fig.7.10 Contact page viewed by registered and unregistered users

The contact page features a map of Vellore Institute of Technology (VIT) campus with various buildings and landmarks labeled. To the right of the map is a "Contact Us" section. It includes an address: "Tiruvalam Rd, Katpadi, Vellore, Tamil Nadu 632014", a phone number: "+918888888888", and an email: "support@sos.com". Below this is a "Drop Us a Message" form with fields for "FirstName", "LastName", "Email", and "Contact Number", followed by a text area for "Your message here..." and a "Send" button.

k. View orders

Fig.7.11. View orders page after login

Your Orders:

Order Id:29

	Barley	4	₹130
<hr/>			
	Red beans (1KG)	4	₹100
<hr/>			
	Maize (1KG)	2	₹290
Cancel Order			

Summary

Items 10	₹1500
SHIPPING	
Express-Delivery ₹100	
TOTAL PRICE	₹1600

Order Id:30

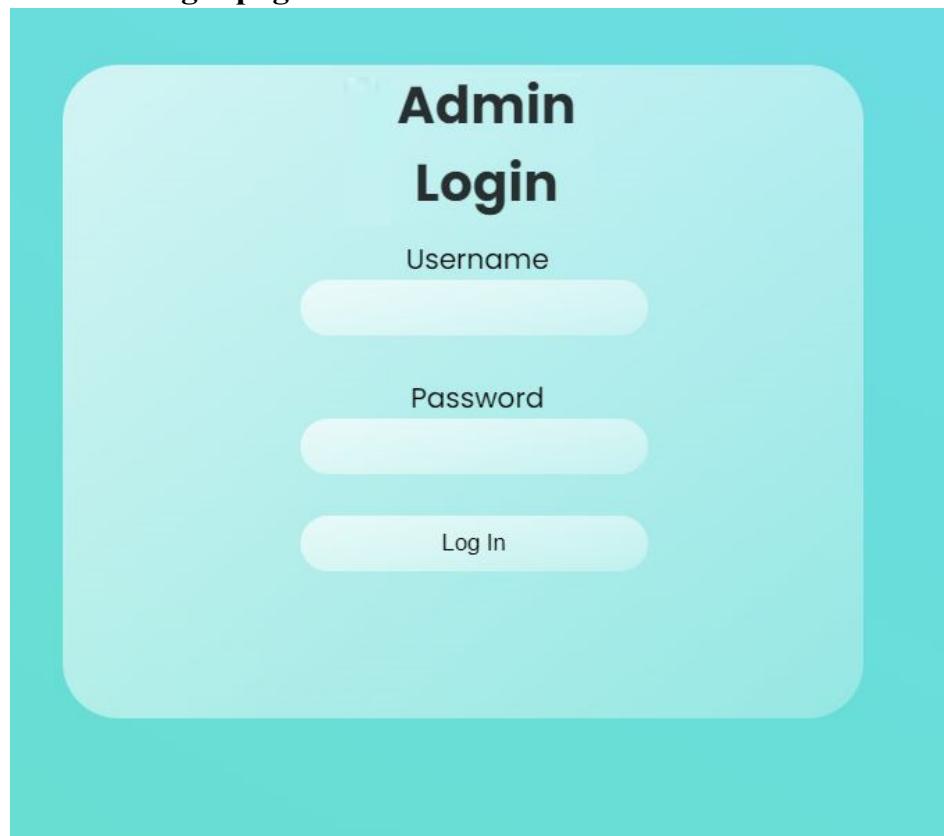
	Cowpea Seeds (1KG)	3	₹180
<hr/>			
Cancel Order			

Summary

Items 3	₹540
SHIPPING	
Standard-Delivery ₹50	
TOTAL PRICE	₹590

- l. Admin login

Fig.7.12. Admin login page



- l. Admin login
- m. Admin home

Fig.7.13. Admin home page after login

A screenshot of the admin home page. The top navigation bar is dark grey with "Admin" on the left, "Welcome admin1" in the center, and "Log Out" on the right. The main content area has a light grey background. At the top, it says "Choose your course of action". Below this are three cards: "Manage Users" (with a user icon), "Manage Products" (with a box icon), and "Manage Reviews" (with a star icon). Each card has two buttons at the bottom: "View and Manage Users" or "View and Manage Products" (with a circled 1 icon), and "View orders" or "Add Products" (with a circled 2 icon). To the right of the "Manage Reviews" card, there is a "CUSTOMER REVIEW" section with a small icon.

n. Manage users

Fig.7.14. Manage users page from admin's side

List of Users using "Shades of Spade"				
User Id	Username	Country	Email	Mobile Number
1	asdfsadfas	India	ab@12.com	1234567890
7	user1	Italy	user1@gmail.com	1231231231
8	Saravanan	India	hsaravanan29@gmail.com	2147483647

[Go Back](#)

o. View orders

Fig.7.15. View orders page viewed from admin's side

List of Orders:				
Order Id:28				Summary
 Cowpea Seeds (1KG) <input type="text" value="2"/> ₹180				Items 2 ₹360 SHIPPING Standard-Delivery ₹50
				TOTAL PRICE ₹410
Order Id:29				Summary
 Barley <input type="text" value="4"/> ₹130				Items 10 ₹1500 SHIPPING Express-Delivery ₹100
				TOTAL PRICE ₹1600
 Red beans (1KG) <input type="text" value="4"/> ₹100				
 Maize (1KG) <input type="text" value="2"/> ₹290				

p. Manage Products

Fig.7.16. Manage products page viewed from admin's side

List of Products at "Shades of Spade"

8	Black gram (1KG)	Seeds	Cereals	₹299	Vigna mungo, the black gram, urad bean, ulundu paruppu, minapa pappu, mungo bean or black matpe bean is a bean grown in South Asia. Like its relative, the mung bean, it has been reclassified from the Phaseolus to the Vigna genus.	uploads/blackgram.jpg	yes	Remove
9	Gram (1KG)	Seeds	Cereals	₹180	All Vedaka pulses are hygienically packed and undergo rigorous laboratory tests to meet stringent food safety norms.	uploads/gram.jpg	yes	Remove
10	Ground nut (1KG)	Seeds	Cereals	₹230	Peanuts are rich in energy (567 calories per 100 g) and contain health benefiting nutrients, minerals, antioxidants and vitamins that are essential for optimum health. They compose sufficient levels of monounsaturated fatty acids (muFA), especially oleic acid. MuFA helps lower LDL or "bad cholesterol" and increases HDL or "good cholesterol" level in the blood.	uploads/ground.jpg	yes	Remove

q. Add products:

Add Products

Product Name:

Product Category:

Product Subcategory:

Product Price:

Product Description:

Frequently bought: Yes No

Select product image to upload: Choose File No file chosen

[Add Product](#)

[Go back](#)

r. View feedback

List of Reviews from users using "*Shades of Spade*"

Feedback Id	Name	Email	Mobile Number	Message
12	Bill Clinton	billclinton@clinton.com	1111111111	I use SoS.com often, and 99% of the time, they do an excellent job. With the volume of business they do, it is understandable that occasionally problems will arise.
13	Brian User	brian@gmail.com	1231231231	I am impressed with delivery. They have been right on time or early and leave my item right at my door and send a picture of the item sitting at my door when they have delivered it.
14	Patience Parker	patience@gmail.com	7272819241	Convenience of shopping online with very reasonable prices and outstanding delivery of purchased items. Tremendous customer support with very courteous and professional staff. I only wish I had bought stock in the company when I first became a prime member and realized they were an outstanding company.
15	Irene Savage	irene@savage.com	1231231444	SoS is like a big bully, if the product is right and works fine, no problem, but if you have to return something then they give you all this headaches, I have return several items that were defective and the return center always either don't receive the items or then they claim is not the item or serial number you sent in order to keep your money.

[Go Back](#)

8. Conclusion:

Shades of Spade is an e-commerce website dedicated to assisting clients in the purchase of agricultural equipment, fertilizers, seeds, crops, and other materialistic entities related to the nature of farming, which are all available in one convenient location. The website has been made to be simplistic and user-friendly and to provide a lot of features for users and for admins. The website contains almost all products that are required for farming. It also provides all the editing features required for the admin to easily edit the product details. Security perspectives have also been taken care on the website, every password is hashed and stored. And if a user forgets his/her password, OTP would be sent to their registered email which they would have to enter to reset their password.

9. Future Work:

Our project aims at providing the best place to go for anyone wishing to start farming. Since there is a variety of people from several places in India who would access our website and not everyone would understand English, so we aim to provide a multilingual website with several languages. In the future we also aim to provide a lot of guidance features on the website for beginners to farming. The aim is to make our website be the go-to place and to provide as much of information for any person wishing to begin farming and also for the people who are farming.

10. References

- [1] Errors references: <https://stackoverflow.com/>
- [2] PHP and MySQL Syntax: <https://www.w3schools.com/php>
- [3] Javascript Syntax: <https://www.w3schools.com/js/default.asp>
- [4] CSS Syntax: <https://www.w3schools.com/css/default.asp>
- [5] Syntax help (for all languages): <https://www.w3schools.com>
- [6] General Implementation and Debugging help: <https://www.stackoverflow.com>

11. Code Link

<https://github.com/Saravanan1999/SoS>

12. Appendix

a. User login

<pre> <html> <head> <?php include 'db_conn.php'; session_start(); if(!isset(\$_SESSION['total'])){ \$_SESSION['total']=0; \$_SESSION['quan']=0; } if(isset(\$_GET['logout'])){ session_destroy(); header("location: index.php"); } <?> <link rel="stylesheet" type="text/css" href="assets/style/login.css"> <script src="http://ajax.googleapis.com/ajax/libs/jquery/1.7.1/jquery.min.js" type="text/javascript"></script> <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css" > <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css" > <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css" > <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-BmbxuPwQa2lc/FVzBcNJ7UAyJxM6wuqlj61tLrc4wSX0szH/Ev+nYR RuWlolflfl" crossorigin="anonymous"> <script src="https://cdn.jsdelivr.net/npm/@popperjs/c ore@2.6.0/dist/umd/popper.min.js" integrity="sha384-KsvD1yqQ1/1+IA7gi3P0ty JcT3vR+NdBTt13hSJ2lnve8agRGXTTyNaB </pre>	<pre> echo "Reset Password<hr>"; echo "Logout"; echo ""; echo "</div>"; echo "</div>"; } else{ echo "<button class='sign'>Sign Up</button>"; } ?> </nav> <script> function myFunction() { document.getElementById("myDropdown").c lassList.toggle("show"); } </script> <div class="container"> <div class="shopping-cart"> <div class="shopping-cart-header"> <i class="fa fa-shopping-cart cart-icon" ></i><?php echo \$_SESSION['quan'] ?> <div class="shopping-cart-total"> Total: &#8377;<?php echo \$_SESSION['total']; ?> </div> </div> <!--end shopping-cart-header --> <ul class="shopping-cart-items" style="max-height:300px;overflow-y:scroll"> </pre>
--	---

```

YmCR/Nwi"
crossorigin="anonymous"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5
.0.0-beta2/dist/js/bootstrap.min.js"
integrity="sha384-nsg8ua9HAw1y0W1btSYW
gBklPnCUAFLuTMS2G72MMONqmOymq5
85AcH49TLBQObG"
crossorigin="anonymous"></script>
<style>
    .abc {
        color: black;
    }
    .abc:hover {
        color: lawngreen;
    }
    .dropdown-menu {
        top: 55px;
        z-index: 99;
    }
</style>
<style>
    form a {
        color: black;
        text-decoration: none;
    }
</style>
</head>
<body>
<?php
    if(isset($_POST['submit'])){
        $username = $_POST['uname'];
        $password = $_POST['psw'];
        $password =
hash('sha512',$password);
        $sql = "Select * from users where
username='".$username."'";
        $result = $conn->query($sql);
        if ($result->num_rows > 0) {
            $row = $result->fetch_assoc();
            if($row['password']===$password){
                $_SESSION['user']=$username;
                echo "<h3
style='position: relative; top: 550px; left: 640px'>
Login Successful</h3><br>";
            }
            else{
                echo "<h3
style='color: red; position: relative; top: 550px; le
ft: 640px'>Wrong Password</h3><br>";
            }
        }
    }
</?php

```

```

<?php
    $arr = $_SESSION['name'];
    for($i=0;$i<count($arr);$i++){
        $url = $_SESSION['url'][$i];
        echo "<li class='clearfix'
id='clrfix' >";
        echo "<img src = ".$url." />";
        echo "<span
class='item-name'>".$_SESSION['name'][$i].
"</span>";
        echo "<span
class='item-price'>&#8377;".$_SESSION['pri
ce'][$i]."</span>";
        echo "<span
class='item-quantity'>Quantity: ".$_SESSION
['quantity'][$i]."</span>";
        //echo "<button
class='item-detail'
style='background-color: red; width: 20px;'>
Remove<i class='fa
fa-remove'></i></button>";
        echo "</li>";
    }
    ?>
</ul>
<a href="shopping_cart.php"
class="button">Checkout <i class="fa
fa-chevron-right"></i></a>
</div> <!-- end shopping-cart -->
</div>
<main>
<form action="" method="post">
<div class="logincontainer">
    <h1>Log In</h1>
    <hr>
    <label
for="uname"><b>Username</b></label><br
>
    <input type="text" placeholder="Enter
Username" name="uname" required><br>
    <label
for="psw"><b>Password</b></label><br>
    <input type="password"
placeholder="Enter Password" name="psw"
required><br>
    <input type="submit"
name='submit' value="Log In"><br><br>
    <!--<label class="psw">Forgot <a
href="forgotpassword.html">password?</a><
/label><br>-->
    <label>Don't have an account? <a
href="signup.php">Register</a></label><br>
    <label><a
href="forgotpassword.php">Forgot

```

```

        echo "<h3
style='color:red;position:relative;top:550px;left:590px'>Username does not
exist</h3><br>";
    }
    header("location: index.php");
}
?>
<div class="cover">
</div>
<nav>

    <a href="index.php" ></a>
    <input type="search"
placeholder="Enter product"><button
type="submit"><i class="fa
fa-search"></i></button>
    <a href="index.php">Home</a>
    <a
href="index.php#about">About</a>
    <a
href="product_page.php?query>All&min=0&
max=5000">Products</a>
    <a href="contact.php">Contact</a>

    <a href="#" id="cart"
style="width:300px;"><i class="fa
fa-shopping-cart"></i> Cart <span
class="badge"><?php echo
$_SESSION['quan'] ?></span></a>
<?php
if(isset($_SESSION['user'])){
    echo "<div class='dropdown'>";
    echo "<button id='dLabel'
type='button' data-toggle='dropdown'
aria-haspopup='true' onclick='myFunction()'
aria-expanded='false'
style='margin-right:90px;width:150px;'>".$_S
SESSION['user']. "</button>";
    echo "<div class='dropdown-menu'
id='myDropdown' aria-labelledby='dLabel'
style='width:200px;text-align:center'>";
    echo "<a href='#'
style='display:none'></a>";
    echo "<a class='abc' href='#'
style='font-size:15px;width:200px;text-align:c
enter;;overflow:hidden;padding:0px;'>View
Orders</a><hr>";
```

```

Password</a></label>
<br><br><br>
</div>
</form>
<div >
</div><br>
</main>
<?php include 'footer.php' ?>
<!!--<embed type="text/html"
src="footer.html"
style="width:100%;height:340px">-->
<script>
if ($('#clrfx').length > 0) {
    (function() {
        $(document).click(function() {
            var $item = $(".shopping-cart");
            if ($item.hasClass("active")) {
                $item.removeClass("active");
            }
        });
        $('.shopping-cart').each(function() {
            var delay = $(this).index() * 50 +
'ms';
            $(this).css({
                '-webkit-transition-delay': delay,
                '-moz-transition-delay': delay,
                '-o-transition-delay': delay,
                'transition-delay': delay
            });
        });
        $('#cart').click(function(e) {
            e.stopPropagation();
        $(".shopping-cart").toggleClass("active");
        });

        $('#addtocart').click(function(e) {
            e.stopPropagation();

        $(".shopping-cart").toggleClass("active");
        });
    })();
}
</script>
</body>
</html>
```

b. User Registration:

```

<html>
  <?php
    include 'db_conn.php';
    session_start();
    if(!isset($_SESSION['total'])){
      $_SESSION['total']=0;
      $_SESSION['quan']=0;
    }
    if(isset($_GET['logout'])){
      session_destroy();
      header("location: index.php");
    }
  ?>
  <head>
    <script
      src="http://ajax.googleapis.com/ajax/libs/jquery/1.7.1/jquery.min.js"
      type="text/javascript"></script>
    <link rel="stylesheet" type="text/css"
      href="assets/style/login.css">
    <link rel="stylesheet"
      href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
    <link rel="stylesheet"
      href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
    <link rel="stylesheet"
      href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
    <link
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/css/bootstrap.min.css"
      rel="stylesheet"
      integrity="sha384-BmbxuPwQa2lc/FVzBcNJ7U
      AyJxM6wuqlj61tLrc4wSX0szH/Ev+nYRRuWlol
      flfl" crossorigin="anonymous">
    <script
      src="https://cdn.jsdelivr.net/npm/@popperjs/core
      @2.6.0/dist/umd/popper.min.js"
      integrity="sha384-KsvD1yqQ1/1+IA7gi3P0tyJcT
      3vR+NdBTTt13hSJ2lnve8agRGXTTyNaBYmCR/
      Nwi" crossorigin="anonymous"></script>
    <script
      src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0
      -beta2/dist/js/bootstrap.min.js"
      integrity="sha384-nsg8ua9HAw1y0W1btsyWgBk
      lPnCUAFLuTMS2G72MMONqmOymq585AcH
      49TLBQObG"
      crossorigin="anonymous"></script>
    <style>
      .abc{
        color:black;
      }
      .abc:hover{

```

```

<a href="shopping_cart.php"
  class="button">Checkout <i class="fa
  fa-chevron-right"></i></a>
</div> <!--end shopping-cart -->
</div>
<main >
  <form action="" method="post">
    <div class="logincontainer">
      <h1>Sign Up</h1>
      <p>Please fill in this form to create an
      account.</p>
      <hr>
      <label
        for="email"><b>Email</b></label><br>
        <input type="text" placeholder="Enter Email"
        name="email"
        pattern="^([a-zA-Z0-9_.+-]+@[a-zA-Z0-9-].[a-zA-Z0-9-]+)$" required><br>
        <label
          for="Username"><b>Username</b></label><br>
          <input type="text" placeholder="Enter
          Username" name="username" required><br>
          <label
            for="psw"><b>Password</b></label><br>
            <input type="password" placeholder="Enter
            Password" name="psw" minlength="8"
            required><br>
            <label for="psw-repeat"><b>Repeat
            Password</b></label><br>
            <input type="password" placeholder="Repeat
            Password" name="psw-repeat" minlength="8"
            required><br>
            <label for="number"><b>Mobile
            Number</b></label><br>
            <input type="tel" placeholder="Mobile
            Number" name="tel" pattern="\d*"
            minlength="10" maxlength="10" required><br>
            <label
              for="country"><b>Country</b></label><br>
              <select style="height:50px;" name='country'>
                <option
                  value="Australia">Australia</option>
                <option value="Brazil">Brazil</option>
                <option value="Canada">Canada</option>
                <option value="China">China</option>
                <option value="China">France</option>
                <option value="China">Germany</option>
                <option value="India">India</option>
                <option value="Italy">Italy</option>
                <option value="Japan">Japan</option>
                <option value="Mexico">Mexico</option>
                <option value="Spain">Spain</option>
                <option value="Sweden">Sweden</option>
                <option value="United Arab Emirates">
```

```

        color:lawngreen;
    }
    .dropdown-menu{
        top:55px;
        z-index: 99;
    }

```

```

    >United Arab Emirates </option>
    <option value="United Kingdom">United
    Kingdom</option>
    <option value="United States">United
    States</option>

```

```

    </select>
    <div class="clearfix" ><br>
    <input type="submit" name='submit'
    value="Sign Up" style="height:45px;">

```

```

    </div>
    </div>

```

```

    </form>

```

```

    <div
    style="position:absolute;top:870px;left:590px;">

```

```

    <?php
    if(isset($_POST['submit'])){
        $email = $_POST['email'];
        $mobile = $_POST['tel'];
        $username = $_POST['username'];
        $country = $_POST['country'];
        $password = $_POST['psw'];
        $retype = $_POST['psw-repeat'];
        $sql = "Select * from users where
        username='".$username."'";
        $result = $conn->query($sql);
        if ($result->num_rows > 0) {
            echo "<h3 style='color:red'>Username already
            exists</h3>";
        }
        else{
            if($password == $retype){
                $password = hash('sha512',$password);
                $sql = "INSERT INTO `users`(`username`,
                `email`, `password`, `mobile`, `country`)
                VALUES
                ('$username','$email','$password','$mobile','$coun
                try');";

```

```

                if ($conn->query($sql) == TRUE or
                die(mysqli_error($conn))) {
                    echo "<h3>Registration
                    Successful!!</h3>";
                }
                else{
                    echo "<h3 style='color:red'>Registration
                    failed</h3>";
                }
            }
            else{
                echo "<h3 style='color:red'>Registration
                failed</h3>";
            }
        }
    }
    ?>

```

```

echo "<a href='#'";
style='display:none'></a>";
echo "</div>";
echo "</div>";
}
else{
    echo "<a href='login.php'><button
class='sign'>Log In</button></a>";
}
?>
</nav>
<script>
    function myFunction() {

document.getElementById("myDropdown").classList.toggle("show");
}
</script>
<div class="container">
<div class="shopping-cart">
    <div class="shopping-cart-header">
        <i class="fa fa-shopping-cart cart-icon" 
></i><span class="badge"><?php echo
$_SESSION['quan'] ?></span>
        <div class="shopping-cart-total">
            <span
class="lighter-text">Total:</span>
            <span class="main-color-text
total">&#8377;<?php echo $_SESSION['total'];
?></span>
        </div>
    </div> <!--end shopping-cart-header -->

    <ul class="shopping-cart-items"
style="max-height:300px;overflow-y:scroll">
        <?php
            $arr = $_SESSION['name'];
            for($i=0;$i<count($arr);$i++){
                $url = $_SESSION['url'][$i];
                echo "<li class='clearfix' id='clrfix'
>";
                echo "<img src = '".$url."' />";
                echo "<span
class='item-name'>".$_SESSION['name'][$i]."</
span>";
                echo " <span
class='item-price'>&#8377;".$_SESSION['price'][
$i]."</span>";
                echo " <span
class='item-quantity'>Quantity:".$_
SESSION['qu
antity'][$i]."</span>";
                //echo "<button class='item-detail'
style='background-color:red;width:20px;'>Remove<i class='fa fa-remove'></i></button>";
                echo "</li>";
            }
        </ul>
    </div>

```

```

        }

    ?>
</ul>

```

c. Product

```

<!DOCTYPE html>
<?php
    include 'db_conn.php';
    session_start();

    if(!isset($_SESSION['total'])){
        $_SESSION['total']=0;
        $_SESSION['quan']=0;

    }
    if(isset($_GET['logout'])){
        session_destroy();
        header("location: index.php");
    }
?>
<html>
    <head>
        <meta charset="utf-8">

        <title>SoS</title>
        <link rel="stylesheet"
        href="assets/style/product.css">
        <script src='assets/js/prod.js'></script>
        <script
src="http://ajax.googleapis.com/ajax/libs/jquery/1
.7.1/jquery.min.js"
type="text/javascript"></script>
        <link rel="stylesheet"
        href="https://cdnjs.cloudflare.com/ajax/libs/font-a
wesome/4.7.0/css/font-awesome.min.css">
        <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.
0-beta2/dist/css/bootstrap.min.css"
rel="stylesheet"
integrity="sha384-BmbxuPwQa2lc/FVzBcNJ7U
AyJxM6wuqlj61tLrc4wSX0szH/Ev+nYRRuWlol
flfl" crossorigin="anonymous">
        <script
src="https://cdn.jsdelivr.net/npm/@popperjs/core
@2.6.0/dist/umd/popper.min.js"
integrity="sha384-KsvD1yqQ1/1+IA7gi3P0tyJcT
3vR+NdBTT13hSJ2lnve8agRGXTTyNaBYmCR/
Nwi" crossorigin="anonymous"></script>

```

```

<?php
if(isset($_GET['search'])){

    $sql = "SELECT * from product where
`Product_Name` REGEXP
'[^"]*".$_GET['search']."'[^']*' or `Category` 
REGEXP '[^"]*".$_GET['search']."'[^']*' or
`subcategory` REGEXP
'[^"]*".$_GET['search']."'[^']*';";
    $result1 = $conn->query($sql);
    if ($result1->num_rows > 0) {
        while($row = $result1->fetch_assoc()) {
            echo "<div class='col-lg-3 col-md-4
col-sm-6' >";
            echo "<a
href='product_detail.php?id=".$row['Product_ID']
."'"><img src='".$row['Image_URL']."'"
alt='prod_img' style='height:300px;width:100%
></a>";
            echo "<div style='text-align:center'
class='pro_name'>".$row['Product_Name']."</div
>";
            echo "<div style='text-align:center'
class='price'>$".$row['Price']. "</div>";
            echo "</div>";
        }
    } else{
        echo "<center><br><br><h2>No
products found :(</h2></center>";
    }
    echo "</div>";
} else{
?>

<div class="center">

    <div class="dual-range" data-min="0"
data-max="5000"
style="margin-left:350px;z-index:1;">

        <span class="handle left" id='mini'
style='margin-top:25px;' ></span>

```

```

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0
-beta2/dist/js/bootstrap.min.js"
integrity="sha384-nsg8ua9HAW1y0W1btsyWgBk
lPnCUAFLuTMS2G72MMONqmOymq585AcH
49TLBQObG"
crossorigin="anonymous"></script>
<style>
.abc{
    color:black;
    z-index: 999;
}
.abc:hover{
    z-index: 999;
    color:lawngreen;
}
nav{
    z-index:999;
}
.topnav{
    z-index:999;
}
.dropdown{
    z-index: 1;
}
.dropdown-menu{
    top:100px;
    z-index: 99;
}
.dropdown-menu a{
    z-index:999;
}
.row img{
    box-shadow: 8px 8px 16px 4px
#9E9E9E;
}
.price{
    font-size:15px;
    font-weight:800;
}
.pro_name{
    margin-top:25px;
    font-size:15px;
    font-weight:800;
}
</style>
</head>
<body onload="change()">

```

```

<span class="highlight"
style='margin-top:25px,'></span>
<span class="handle right" id='maxi'
style='margin-top:25px,'></span>
<button name="button" class="btn
btn-success"
onclick='filter()' style='margin-left:200px;margin-t
op:15px,'>Filter</button>
</div>
</div>
<div class='container'
style='width:250px;margin-left:50px;'>
<select class='form-select' id='sub'
onchange="sub()">
<option disabled selected value>Select
Sub Category</option>
<?php
    if($_GET['query']=='All'){
        $sql1= "SELECT DISTINCT
`subcategory` from product";
    }
    else{
        $sql1= "SELECT DISTINCT
`subcategory` from product where
`category`='".$._GET['query']."' ";
    }
    $result1 = $conn->query($sql1);
    if ($result1->num_rows > 0) {
        while($row1 =
$result1->fetch_assoc()){
            ?>
            <option value="<?php echo
$row1['subcategory']?>"><?php echo
$row1['subcategory']?></option>
<?php
        }
    }
    ?>
</select><br>
</div>
<br><br>
<center>
<div class="row">
<?php
    if($_GET['query']=='All'){
        if(isset($_GET['sub'])){
            $sql = "SELECT * FROM product
where `subcategory`='".$._GET['sub']."' and
`Price` BETWEEN ".$_GET['min']."
".$_GET['max']."";
            $result = $conn->query($sql) or
die(mysqli_error($conn));
        }
    }

```

```

<?php
    if(isset($_GET['sub'])) {
        echo "<div id='subc' style='display:none'>".$_GET['sub']. "</div>";
    }
    if(isset($_GET['max'])){
        echo "<div id='maxc' style='display:none'>".$_GET['max']. "</div>";
    }
    if(isset($_GET['min'])){
        echo "<div id='minc' style='display:none'>".$_GET['min']. "</div>";
    }
?>
<nav>

    <a href="index.php" ></a>
    <input type="search" placeholder="Enter product"><button type="submit" class='search'><i class="fa fa-search"></i></button>
    <a href="index.php">Home</a>
    <a href="index.php#about">About</a>
    <a href="product_page.php?query>All&min=0&max=5000"><u>Products</u></a>
    <a href="contact.php">Contact</a>

    <a href="#" id="cart" style="width:300px;"><i class="fa fa-shopping-cart"></i> Cart <span class="badge"><?php echo $_SESSION['quan'] ?></span></a>
    <?php
        if(isset($_GET['query'])){
            echo "<div id='ids' style='display:none'>".$_GET['query']. "</div>";
        }
        if(isset($_SESSION['user'])){
            echo "<div class='dropdown'>";
            echo "<button id='dLabel' type='button' data-toggle='dropdown' aria-haspopup='true' onclick='myFunction()' aria-expanded='false' style='margin-right:90px; width:150px; height:35px; font-size:inherit; font-weight:inherit'>".$_SESSION['user']. "</button>";
            echo "<div class='dropdown-menu' id='myDropdown' aria-labelledby='dLabel' style='width:200px; text-align:center'>";
        }
    }

```

```

        if ($result->num_rows > 0) {
            while($row = $result->fetch_assoc()) {
                echo "<div class='col-lg-3 col-md-4 col-sm-6'>";
                echo "<a href='product_detail.php?id=".$row['Product_ID']."'><img src='".$row['Image_URL']."' alt='prod_img' style='height:300px'></a>";
                echo "<div class='pro_name'>".$row['Product_Name']. "</div>";
                echo "<div class='price'>₹".$row['Price']. "</div>";
                echo "</div>";
            }
        } else{
            $sql = "SELECT * FROM product where `Price` BETWEEN ".$_GET['min']." AND ".$_GET['max'].";";
            $result = $conn->query($sql) or die(mysqli_error($conn));
            if ($result->num_rows > 0) {
                while($row = $result->fetch_assoc()) {
                    echo "<div class='col-lg-3 col-md-4 col-sm-6'>";
                    echo "<a href='product_detail.php?id=".$row['Product_ID']."'><img src='".$row['Image_URL']."' alt='prod_img' style='height:300px'></a>";
                    echo "<div class='pro_name'>".$row['Product_Name']. "</div>";
                    echo "<div class='price'>₹".$row['Price']. "</div>";
                    echo "</div>";
                }
            } else{
                if(isset($_GET['sub'])){
                    $sql = "SELECT * FROM product where `subcategory`='".$_GET['sub']."' and `category`='".$_GET['query']."' and `Price` BETWEEN ".$_GET['min']."' AND ".$_GET['max']."' ";
                    $result = $conn->query($sql) or die(mysqli_error($conn));
                    if ($result->num_rows > 0) {
                        while($row = $result->fetch_assoc()) {

```

```

        echo "<a href='#'
style='display:none'></a>";
        echo "<a class='abc'
href='orderview.php'
style='font-size:15px;width:200px;text-align:center;overflow:hidden;padding:0px;'>View
Orders</a><hr>";
        echo "<a class='abc' href='reset.php'
style='font-size:15px;width:200px;padding:0px;text-align:center;'>Reset Password</a><hr>";
        echo "<a class='abc'
href='index.php?logout=true'
style='font-size:15px;width:200px;padding:0px;text-align:center;'>Logout</a>";
        echo "<a href='#'
style='display:none'></a>";
        echo "</div>";
        echo "</div>";
    }
else{
    echo "<a href='signup.php'><button
class='sign'>Sign Up</button></a>";
}
?>

</nav>
<script>
function myFunction() {

document.getElementById("myDropdown").classList.toggle("show");
}

</script>
<div class="container">
<div class="shopping-cart">
    <div class="shopping-cart-header">
        <i class="fa fa-shopping-cart cart-icon" ?><span class="badge"><?php echo
$_SESSION['quan'] ?></span>
        <div class="shopping-cart-total">
            <span
class="lighter-text">Total:</span>
            <span class="main-color-text
total">&#8377;<?php echo $_SESSION['total'];
?></span>
        </div>
    </div> <!--end shopping-cart-header -->

    <ul class="shopping-cart-items"
style="max-height:300px;overflow-y:scroll">
        <?php
            $arr = $_SESSION['name'];
            for($i=0;$i<count($arr);$i++) {
                $url = $_SESSION['url'][$i];
                echo "<li class='clearfix' id='clrfix'>
                    <div class='col-lg-3
col-md-4 col-sm-6'>
                        <a href='product_detail.php?id='".$row['Product_ID']
."'><img src='".$row['Image_URL']."' alt='prod_img' style='height:300px'></a>;
                    <div
class='pro_name'>".$row['Product_Name']. "</div>;
                    <div
class='price'>₹".$row['Price']. "</div>;
                </div>
            }
        }
    <?php
        else{
            $sql = "SELECT * FROM product
where `category`='".$GET['query']."' and `Price`
BETWEEN ".$GET['min']."' AND
".$GET['max']."' ";
        }
    <?php
        $result = $conn->query($sql) or
die(mysqli_error($conn));
        if ($result->num_rows > 0) {
            while($row =
$result->fetch_assoc()) {
                echo "<div class='col-lg-3
col-md-4 col-sm-6'>
                    <a href='product_detail.php?id='".$row['Product_ID']
."'><img src='".$row['Image_URL']."' alt='prod_img' style='height:300px'></a>;
                    <div
class='pro_name'>".$row['Product_Name']. "</div>;
                    <div
class='price'>₹".$row['Price']. "</div>;
                </div>
            }
        }
    <?php
        function filter(){
            if ($('#subc').length > 0){
                var mini = $('#mini').attr('data-value');
                var maxi = $('#maxi').attr('data-value');
            }
        }
    <?php
        include 'footer.php' ?>
<script>

```

```

        function filter(){
            if ($('#subc').length > 0){
                var mini = $('#mini').attr('data-value');
                var maxi = $('#maxi').attr('data-value');
            }
        }
    <?php
        include 'footer.php' ?>
<script>
```

```

">>";
    echo "<img src = '".$url."' />";
    echo "<span";
class='item-name'>".$_SESSION['name'][$i]."</s
pan>";
    echo "<span
class='item-price'>&#8377;".$_SESSION['price'][
$i]."</span>";
    echo "<span
class='item-quantity'>Quantity:".$_SESSION['qu
antity'][$i]."</span>";
        //echo "<button class='item-detail'
style='background-color:red;width:20px;'>
>Remove<i class='fa fa-remove'></i></button>";
        echo "</li>";
    }

?>
</ul>

<a href="shopping_cart.php"
class="button">Checkout <i class="fa
fa-chevron-right"></i></a>
</div> <!--end shopping-cart -->
</div>
<br><br><br>
<div class="topnav">
    <a
    href="?query>All&min=0&max=5000">All</a>
    <a
    href="?query=Seeds&min=0&max=5000">Seeds
    </a>
    <a
    href="?query=Fertilizers&min=0&max=5000">F
ertilizers</a>
    <a
    href="?query=Pesticides&min=0&max=5000">P
esticides</a>
    <a href="?query=Machinery and
Tools&min=0&max=5000">Machinery &
Tools</a>

</div>
<center><h2 style="padding-top: 100px;">
<?php
    if(isset($_GET['query'])){
        echo $_GET['query'];
    }
    else if(isset($_GET['search'])){
        echo $_GET['search'];
    }
?>

</h2></center>
<div class="center">

```

```

var ids =
document.getElementById('ids').innerHTML;
var sub =
document.getElementById('subc').innerHTML;

window.location.href="product_page.php?query=
+ids+"&min="+mini+"&max="+maxi+"&sub="
+sub;
}
else{
    var mini = $('#mini').attr('data-value');
    var maxi = $('#maxi').attr('data-value');
    var ids =
document.getElementById('ids').innerHTML;

window.location.href="product_page.php?query=
+ids+"&min="+mini+"&max="+maxi;
}
function change(){
    if ($('#subc').length > 0){
        var ids =
document.getElementById('subc').innerHTML;
        var sub =
document.getElementById('sub').value=ids;
    }
    var mini =
document.getElementById('minc').innerHTML;
    var maxi =
document.getElementById('maxc').innerHTML;
    $('#mini').attr('data-value',mini);
    $('#maxi').attr('data-value',maxi);
}
function sub(){
    var sub =
document.getElementById('sub').value;
    var ids =
document.getElementById('ids').innerHTML;
    var mini = $('#mini').attr('data-value');
    var maxi = $('#maxi').attr('data-value');

window.location.href="product_page.php?query=
+ids+"&min="+mini+"&max="+maxi+"&sub="
+sub;
}
if ($('#clrfix').length > 0){
(function(){
    $(document).click(function() {
        var $item = $(".shopping-cart");
        if ($item.hasClass("active")) {
            $item.removeClass("active");
        }
    });
    $('.shopping-cart').each(function() {
        var delay = $(this).index() * 50 + 'ms';

```

```
<div class="row" >  
    <script>  
        $(this).css({  
            '-webkit-transition-delay': delay,  
            '-moz-transition-delay': delay,  
            '-o-transition-delay': delay,  
            'transition-delay': delay  
        });  
    });  
    $('#cart').click(function(e) {  
        e.stopPropagation();  
        $(".shopping-cart").toggleClass("active");  
    });  
  
    $('#addtocart').click(function(e) {  
        e.stopPropagation();  
        $(".shopping-cart").toggleClass("active");  
    });  
});  
</script>  
</body>  
</html>
```