

# BIG FISH

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# Introduction

- There is a steady rise of e-commerce fish market place that have gained momentum with the rise of e-grocery and advent of new cost-effective freezing technology.
- BigFish is one of the e-commerce ventures in the fresh chemical-free fish, from which the customers can buy fishes easily.
- The main modules of BigFish are admin and customer.

## Existing System

- Many customers go for purchasing offline so as to examine the product and hold the possession of the product just after the payment for the product.
- Time consuming
- Waste of energy
- Lack of options
- Refund,return disputes

# Proposed System

- It is a web platform in which the e buyer has wide variety of marine products to choose from.
- The customers can place the order for the fish on the web platform of bigfish, and it will be delivered to at the doorstep.
- It provides product suggestions based on the previous purchases of the customer.
- It also provide suggestions about recipe's based on the product purchased by the customer.

# Module Description

## ① Admin

The Admin have so many capabilities and controls the whole system, the admin first need to register and login. Then he can add and update products and recipes, view customer and cart details and he can also view added product and recipes list from admin panel.

## ② Customers

The Customer also need to signup and login then he can browse through the product list, he can buy the product by adding the product in to the cart and finish the purchase by submitting the shipping details.

# Software Requirements

- Language:- Python
- Framework:- Django

# Hardware Requirements

- 1 GB RAM
- 512 GB HDD
- INTEL PENTIUM

# DFD

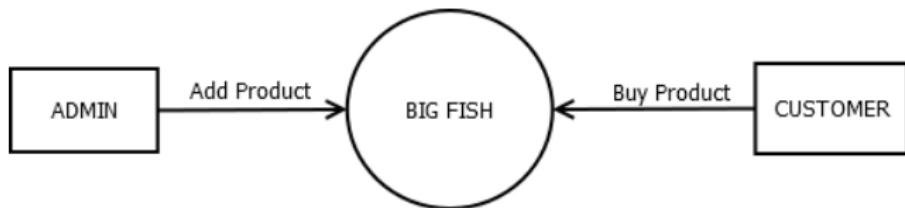


Figure: Level 0

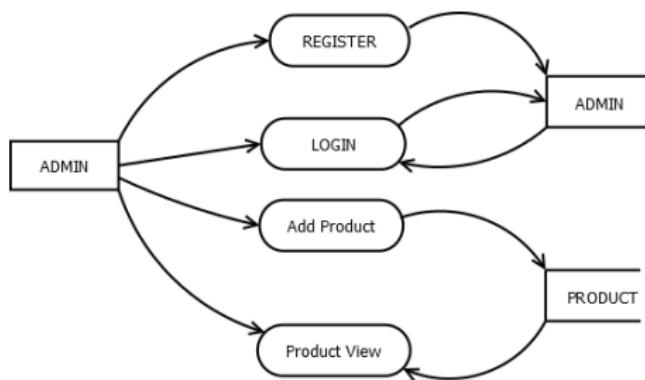


Figure: Level 1 Admin

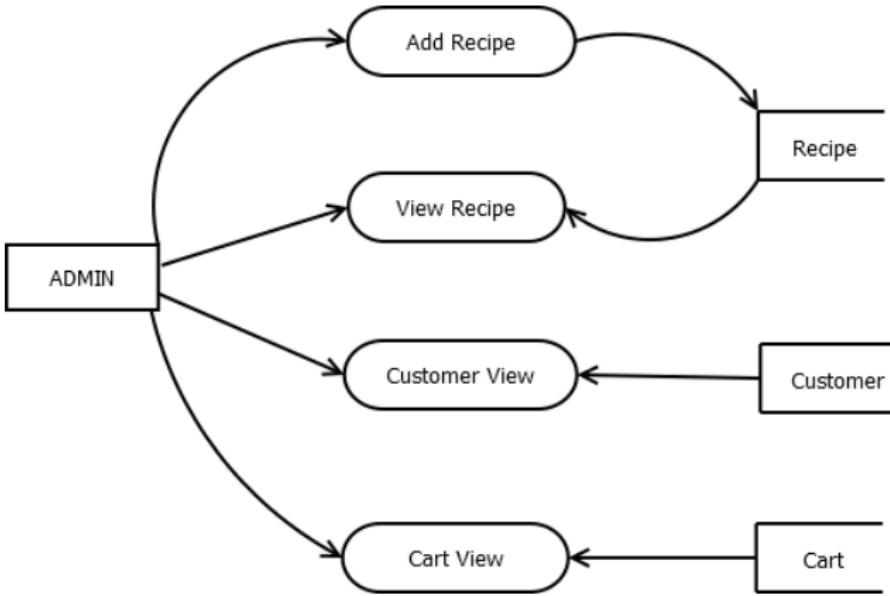


Figure: Level 1 Admin

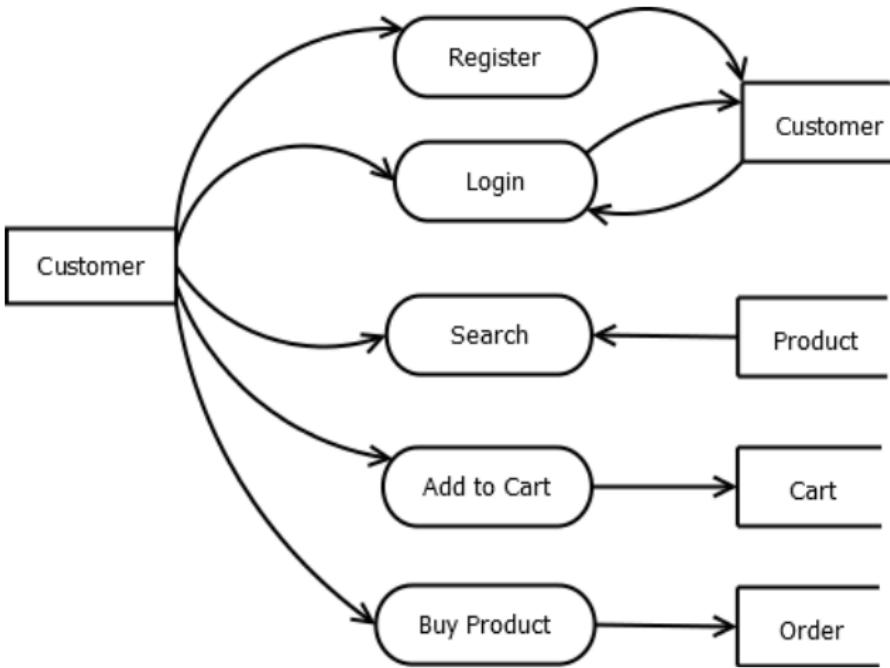


Figure: Level 1 Customer

## ① Order

NAME	DATA TYPE	CONSTRAINTS	DESCRIPTION
id	Integer	Primary key	Reference no.
firstname	String		first name
lastname	String		last name
email	String		email
state	String		State
address	String		address
town	String		Town
pin	Integer		pim
phone	Integer		phone

## ② Admin

NAME	DATA TYPE	CONSTRAINTS	DESCRIPTION
id	Integer	Primary key	Reference no.
name	String		name
username	String		username
password	String		password
image	image		image

## ③ Customer

NAME	DATA TYPE	CONSTRAINTS	DESCRIPTION
id	Integer	Primary key	Reference no.
name	String		name
username	String		username
password	String		password
email	String		email
phone	Integer		phone
address	String		address

## ④ Product

NAME	DATA TYPE	CONSTRAINTS	DESCRIPTION
id	Integer	Primary key	Reference no.
name	String		name
weight	Integer		weight
price	Integer		price
image	image		image

## ⑤ Recipe

NAME	DATA TYPE	CONSTRAINTS	DESCRIPTION
id	Integer	Primary key	Reference no.
name	String		name
inredients	String		inredient
instruction	String		instruction
image	image		image

## ⑥ Cart

NAME	DATA TYPE	CONSTRAINTS	DESCRIPTION
cart id	Integer	Primary key	Reference no.
name	String		name
prodname	String		productname
price	Integer		price
quantity	Integer		quantity
total	Integer		total amount
status	String		status

# Screenshots

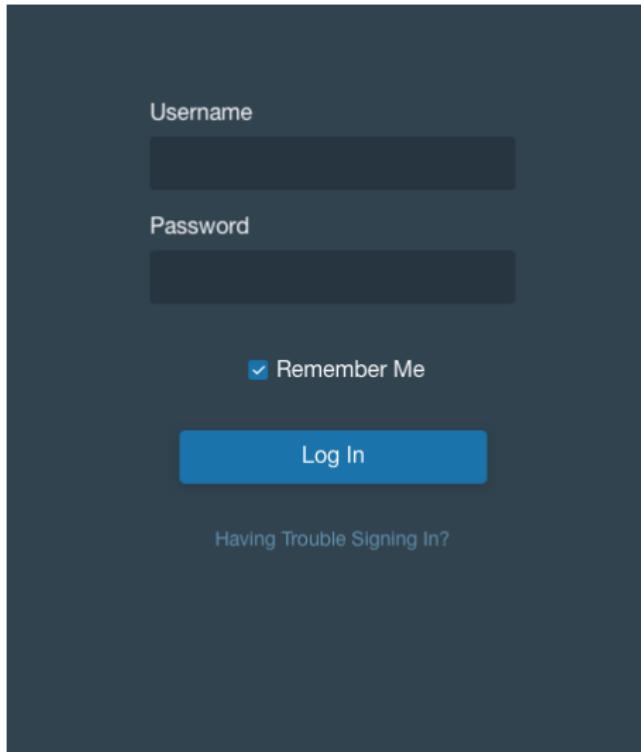


Figure: Admin Login

**E-commerce fish market**

Home > E-Commerce Fish Market

**Admin Registration**

Name

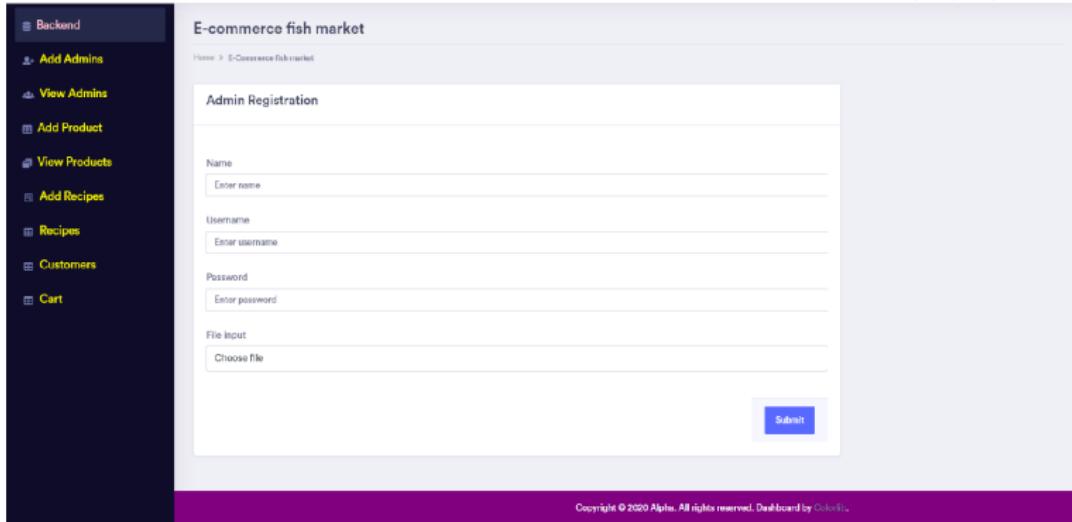
Username

Password

File Input

**Submit**

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**Figure:** Admin Registration

# BIG FISH

The screenshot shows the 'E-commerce fish market' backend interface. On the left, a dark sidebar menu lists various admin functions: Backend, Add Admins, View Admins, Add Product, View Products, Add Recipes, Recipes, Customers, and Cart. The 'View Admins' option is highlighted. The main content area is titled 'Admin\_Datas' and displays a table with two rows of data. The columns are Name, Username, Password, Images, and Status. The first row contains 'Shafiq,M' (Username: shafiq, Password: 345), with an 'Update' button (green) and a 'Delete' button (red). The second row contains 'kripa' (Username: kripa, Password: 924), also with an 'Update' button (green) and a 'Delete' button (red). A small thumbnail image is shown in the 'Images' column for each user. At the bottom left of the content area, it says '1 to 2 of 2'. The top right of the screen has a search bar and some icons.

Name	Username	Password	Images	Status
Shafiq,M	shafiq	345		<button>Update</button> <button>Delete</button>
kripa	kripa	924		<button>Update</button> <button>Delete</button>

Figure: View Admins

BIG FISH

The screenshot shows a web application interface for an 'E-commerce fish market'. On the left, a dark sidebar menu lists 'Backend' options: 'Add Admins', 'View Admins', 'Add Product', 'View Products', 'Add Recipes', 'Recipes', 'Customers', and 'Cart'. The main content area has a header 'E-commerce fish market' and a breadcrumb 'Home > E-Commerce fish market'. Below this is a 'Product Registration' form with fields for 'Name' (placeholder 'Enter name'), 'Available\_Weight in Kg' (placeholder 'weight in kilograms'), 'Wholeprice' (placeholder 'price per kg'), and 'File input' (placeholder 'Choose file'). A blue 'Submit' button is at the bottom right of the form.

E-commerce fish market

Home > E-Commerce fish market

Product Registration

Name  
Enter name

Available\_Weight in Kg  
weight in kilograms

Wholeprice  
price per kg

File input  
Choose file

Submit

Figure: Add Products

View Products

Add Product

**View Products**

Add Recipes

Recipes

Customers

Cart

### Products View

PID	Name	Available_Weight(Kg)	Price	Images	Status
5	tuna	4	345		<button>Delete</button> <button>Update</button>
4	Macquerel	7	1000		<button>Delete</button> <button>Update</button>
3	Sardine	2	300		<button>Delete</button> <button>Update</button>

1 to 3 of 3

Figure: Admin Product View

The screenshot shows a dark-themed user interface for a 'Backend' application. On the left, a sidebar lists various administrative functions: 'Add Admins', 'View Admins', 'Add Product', 'View Products', 'Add Recipes', 'Recipes', 'Customers', and 'Cart'. The 'Recipes' item is highlighted with a yellow background. The main content area is titled 'E-commerce fish market' and shows the 'Recipes of choice' section. It includes fields for 'Name' (with placeholder 'Enter name'), 'ingredients' (with placeholder 'Enter ingredients'), 'instructions' (with placeholder 'Enter instructions'), and a 'File input' field with a 'Choose file' button. A blue 'Submit' button is located at the bottom right of the form.

E-commerce fish market

Home > E-Commerce fish market

Recipes of choice

Name

Enter name

ingredients

Enter ingredients

instructions

Enter instructions

File input

Choose file

Submit

Figure: Add Recipes

Recipes View						
	ID	Name	Ingredients	Instructions	Image	Status
	3	Tuna Curry	1 teaspoon turmeric, cup water,	In a medium saucpan mix turmeric in 1 cup water. Add tuna, and season with salt. Place over medium-low heat, and bring to a simmer. Cook for 2 minutes, turning tuna cubes once.		<a href="#">Delete</a>
	2	ayila curry	1 kg of fish preferably mackerel / ayila cut into medium size pieces 1 medium onion chopped 1 inch of ginger, chopped 5-6 garlic, chopped 1 sprig of curry leaves 1/4 tsp of fenugreek seeds 1 tsp of mustard seeds 2 Tbsp of Kashmiri chilly powder 1 tsp of coriander powder 2-3 tsp of hot red chilly powder 1 tsp of turmeric powder 2-3 pieces of fish tamarind / gambooge Salt to taste 2 Tbsp of oil preferably coconut	Marinate fish ( ayila ) with half of turmeric and salt for 15 min. Soak tamarind in warm water for 15 min and set aside. In a hot pan, pour half of the oil and add ginger, onion and garlic and saute till onion becomes translucent. In a small bowl, mix both of the chilli powder, turmeric, coriander powder and add a little water to make a paste. Now add above paste to the onion mixture and stir till the masala releases oil. Then transfer the onion mixture in a food processor and grind it to a nice		<a href="#">Delete</a>

Figure: Admin Recipe view

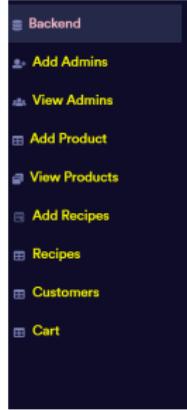
The screenshot shows the 'Admin Cart' view within the 'E-commerce fish market' application. On the left, a dark sidebar menu lists various administrative functions: 'Backend', 'Add Admins', 'View Admins', 'Add Product', 'View Products', 'Add Recipes', 'Recipes', 'Customers', and 'Cart'. The 'Cart' option is highlighted with a yellow background. The main content area has a light gray header with the title 'E-commerce fish market' and a breadcrumb navigation bar showing 'Home > E-Commerce fish market'. Below this is a section titled 'Cart View' containing a table with the following data:

CartID	PID	Name	Product	Price	Quantity	Total
297	3	john	Sardine	300	1	300
296	3	john	Sardine	300	1	300
295	5	john	tuna	345	3	1035
294	5	john	tuna	345	3	1035
293	5	john	tuna	345	3	1035

At the bottom of the table, there is a small text indicating '1 to 5 of 160'.

Figure: Admin Cart view

# BIG FISH



E-commerce fish market

Home > E-Commerce fish market

Customer View

ID	Name	Username	Email	Number	Address	Status
4	peter	peter	peter@gmail.com	1234567890	Kochi	Delete
3	john	john	lisajohnpeter@gmail.com	1234567890	Kollam	Delete
1	Nikhil.R	Nikhil	nikhil@k.com	9432120986	Coimbatore	Delete

1 to 3 of 3

Figure: Customer Details

**BIG FISH**  
Please enter your user information.

Username

Password

**Sign in**

[Don't Have An Account???](#)

[Create An Account](#)

Figure: Login

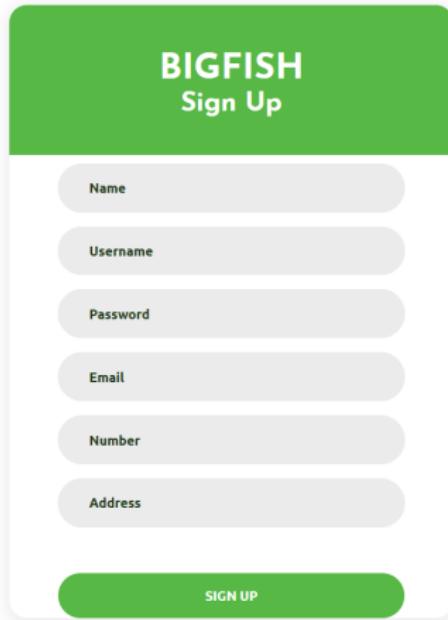


Figure: signup

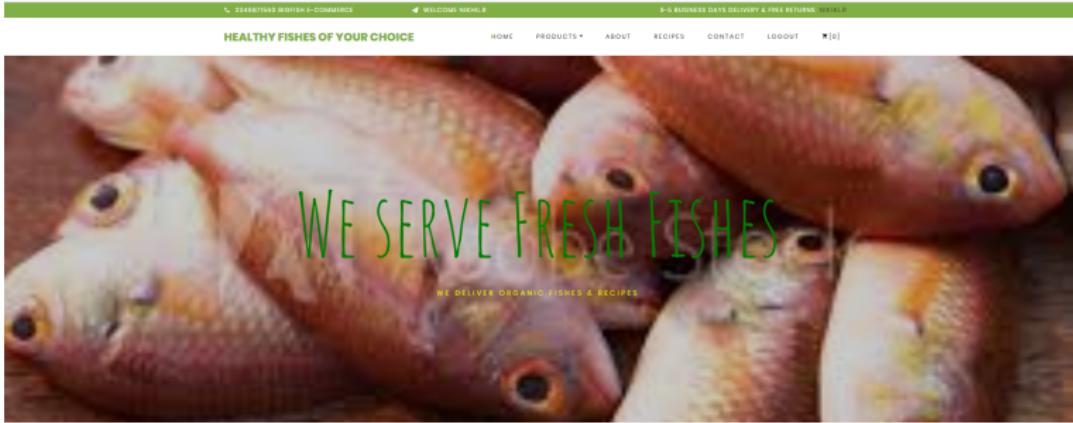


Figure: Home page

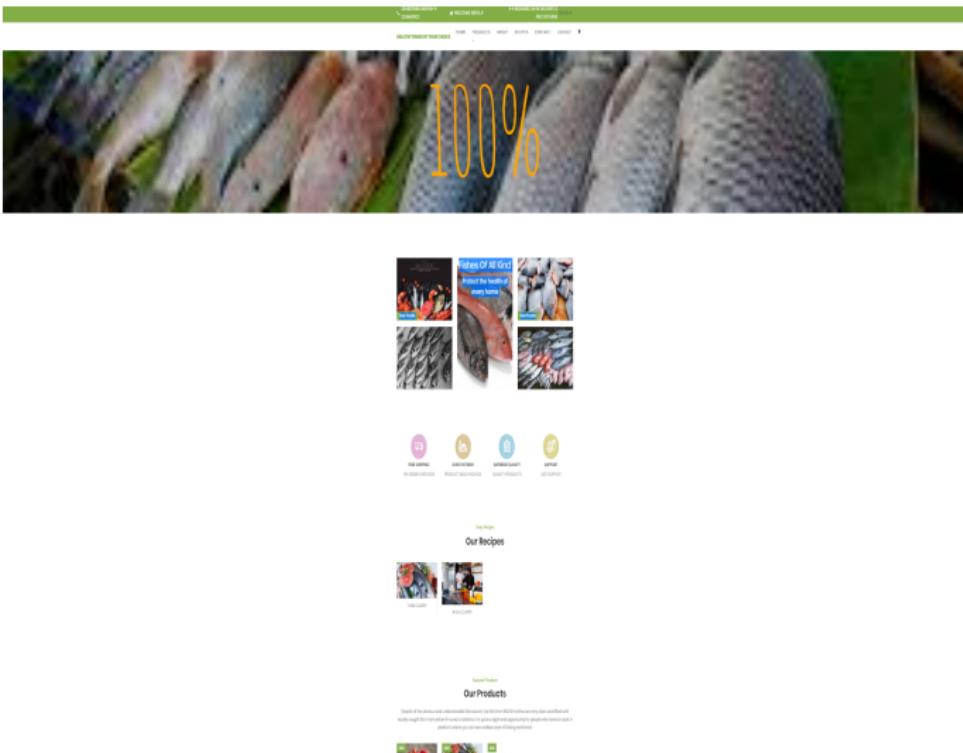


Figure: Home page 2



## Our Products

Despite of the obvious and understandable fish stench, the fish from BIGFISH online are very clean and filled with locally caught fish. From yellow fin tuna to lobsters, it is quite a sight and opportunity for people who loves to cook. A platform where you can see endless rows of fishing anchored.

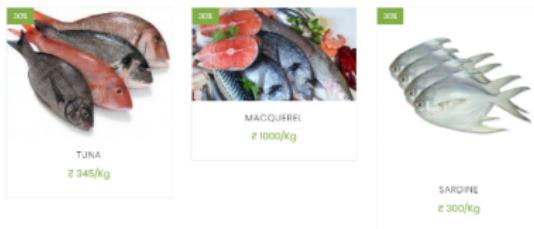


Figure: product view



### Macquerel

5.0 ★★★★☆ 100 Rating 500 Sold

₹1000/Kg

-

Add to Cart

Figure: product view 2

## Our Recipes



TUNA CURRY



AIYALA CURRY



FREE SHIPPING

ON ORDER OVER \$100



ALWAYS FRESH

PRODUCT WELL PACKAGE



SUPERIOR QUALITY

QUALITY PRODUCTS



SUPPORT

24/7 SUPPORT



## Figure: Recipes

## Recipes



### aiyla curry

#### INSTRUCTIONS

Marinade fish ( cayla ) with half of turmeric and salt for 15 min. Soak tamarind in warm water for 15 min and set aside. In a hot pan, pour half of the oil and add ginger, onion and garlic and saute till onion becomes translucent. In a small bowl, mix both of the chilli powder, turmeric, coriander powder and add a little water to make a paste. Now add above paste to the onion mixture and stir till the masala releases oil. Then transfer the onion mixture in a food processor and grind it to a nice

#### INGREDIENTS

1 kg of fish preferably mackerel / cayla  
cut into medium size pieces 1 medium  
onion chopped 1 inch of ginger,  
chopped 5-6 garlic, chopped 1 sprig of  
curry leaves (1/4 tsp of fenugreek seeds 1  
tsp of mustard seeds 2 Tbsp of Kasoori  
chilly powder 1 tsp of coriander powder  
2-3 tsp of hot red chilly powder 1 tsp of  
turmeric powder 2-3 pieces of fish  
tamarind / gambege Salt to taste 2  
1Tbsp of oil preferably coconut.

Figure: Recipe Details

HEALTHY FISHES OF YOUR CHOICE

HOME PRODUCTS ABOUT BLOG CONTACT LOGIN CART

Date Issued	Name	Product Name	Price	Quantity	Total	Status
2021-07-01	NINER	Mosquando	\$200	2	\$400	<button>Remove</button>
2021-07-01	NINER	Mosquando	\$200	6	\$1200	<button>Remove</button>
2021-07-01	NINER	Mosquando	\$200	1	\$200	<button>Remove</button>

4

Coupon Code  
Enter your coupon code if you have one  
Coupon code:   
Apply Coupon

Estimated shipping and tax  
Enter your destination to get a shipping estimate  
Country:   
State/Province:   
Zip/Postcode:   
Proceed to Checkout!

Cart Totals  
Product: Mosquando  
Subtotal: \$1800  
Delivery: \$0.00  
Discount: \$0.00  
TOTAL: \$1800

Figure: Cart

HEALTHY FISHES OF YOUR CHOICE

HOME PRODUCTS ABOUT RECIPES CONTACT LOGOUT 



Welcome to BIGFISH an eCommerce website

This is the e-commerce application for good fresh fish in the south zone area. The price is good for the quality of the food.

Amongst different types of online marketing, BIGFISH is youngest and as opposing as innovative and powerful. Most online fish and fish product sellers have grasped the utilization of social stages. Moreover it is the cheapest and best platform to advance ones business without spending a bomb on costly websites and advertisements.

[Shop now](#)

Subscribe to our Newsletter

Get e-mail updates about our latest shops and special offers

Enter email address [Subscribe](#)



Figure: About

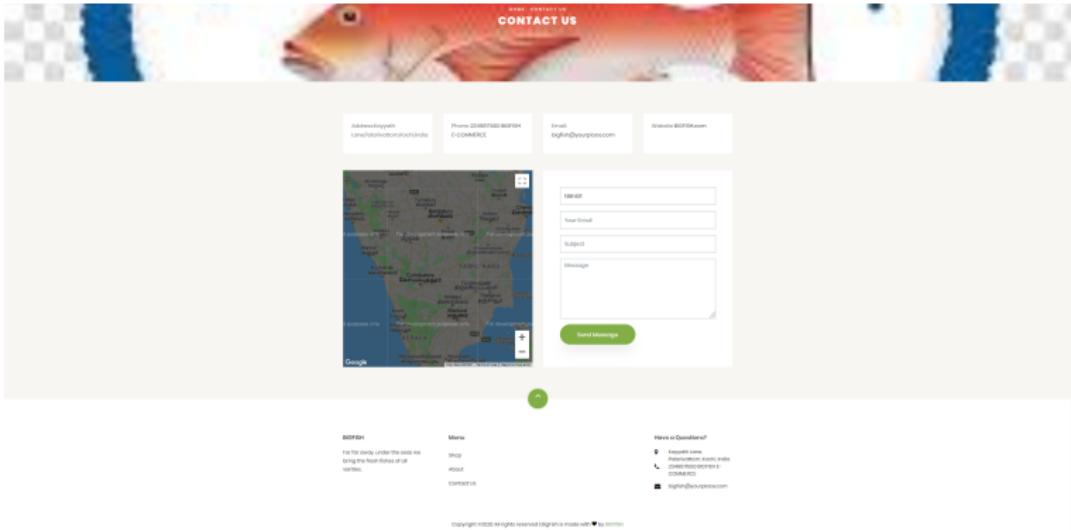


Figure: Contact

# Validations

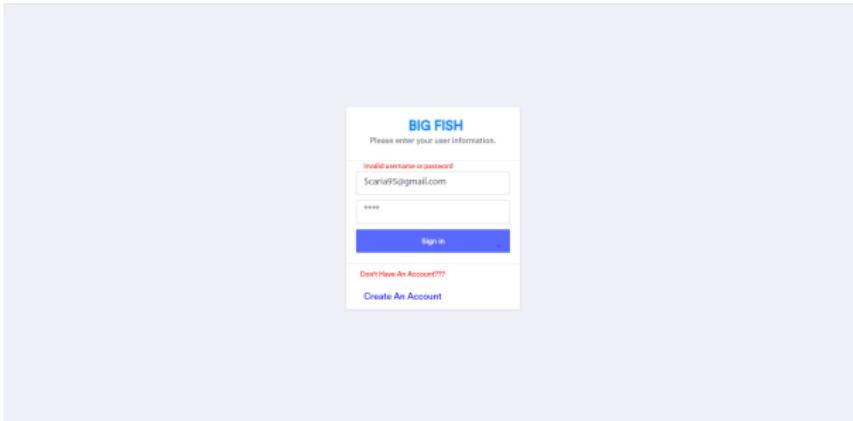


Figure: Login

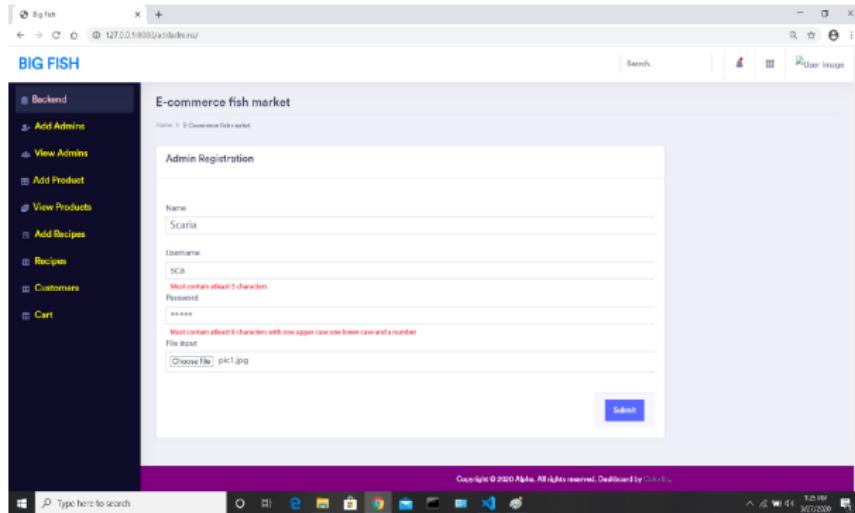


Figure: Admin Registration

HEALTHY FISHES OF YOUR CHOICE

HOME PRODUCTS ABOUT RECIPES CONTACT LOGOUT \*

## Our Products

Despite of the obvious and undesirable fish stench, the fish from BIGFISH online are very clean and filled with locally caught fish. From yellow fin tuna to lobsters, it is quite a sight and opportunity for people who loves to cook. A platform where you can see endless rows of fishing anchored.

TUNA  
OUT OF STOCK

MACOUJRI  
\$ 150/kg

SARDINE  
\$ 100/kg

Figure: Productlist

# Conclusion

- Bigfish is an online web application developed for customers who need fish products from various shops to be ordered to their location. Usually, we buy things from different shops by ourselves. It takes most of our time. bigfish makes this process easier for customers by ordering items from different stores at the same time. It is a simple user-friendly interface that can be used by any type of customer.
- When we compare existing system with proposed system,we can see proposed system have many attractive features than the existing system.