

See-Food Service Supreme (SFSS)

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Introduction

- **See (Visual Perception)** - “One of the five senses, it is one of the abilities to interpret the surrounding environment using light in the visible spectrum.”

Link:

https://en.wikipedia.org/wiki/Visual_perception

- **Food** – “any substance consumed to provide nutritional support for the body.”

Link: <https://en.wikipedia.org/wiki/Food>

- **Supreme** *adjective* - “superior to all others” synonyms:
highest-ranking, head, top, superior, prime

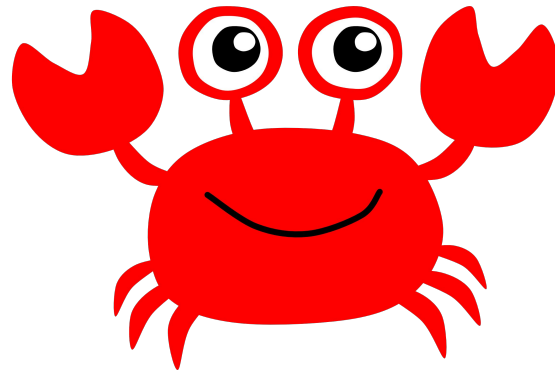
What is it for?

- Fast and easy online shopping services for prime See-Food
- Fresh and high-quality See-Food from different parts of the world
- Online shopping for fresh produce delivered overnight to your door



Our Goal

- To provide an online website for users to register for an account, place orders, track orders, and review order history
- Provide a live-feed video of our livestock for users to pick and choose from

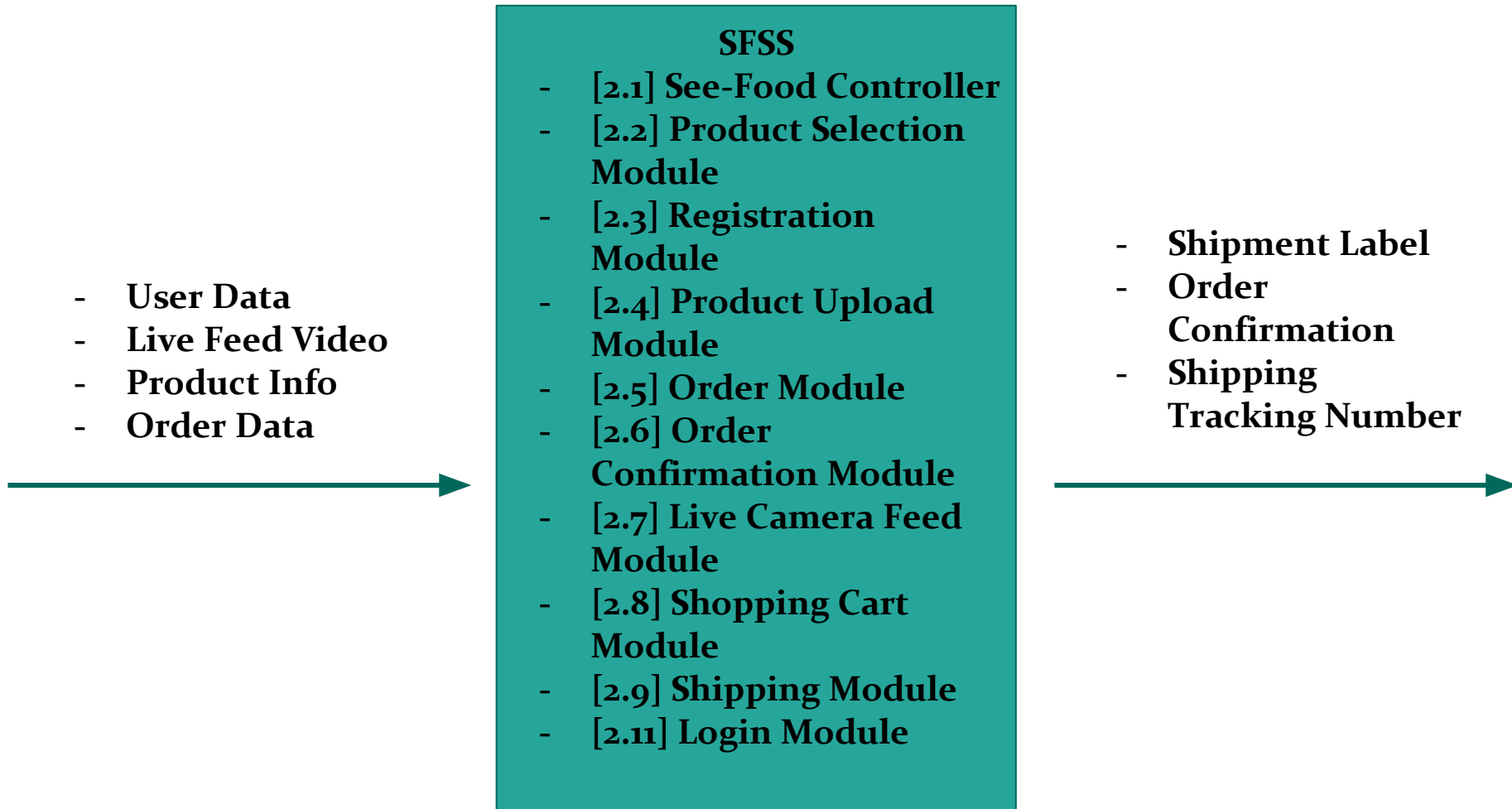


Our System's Features

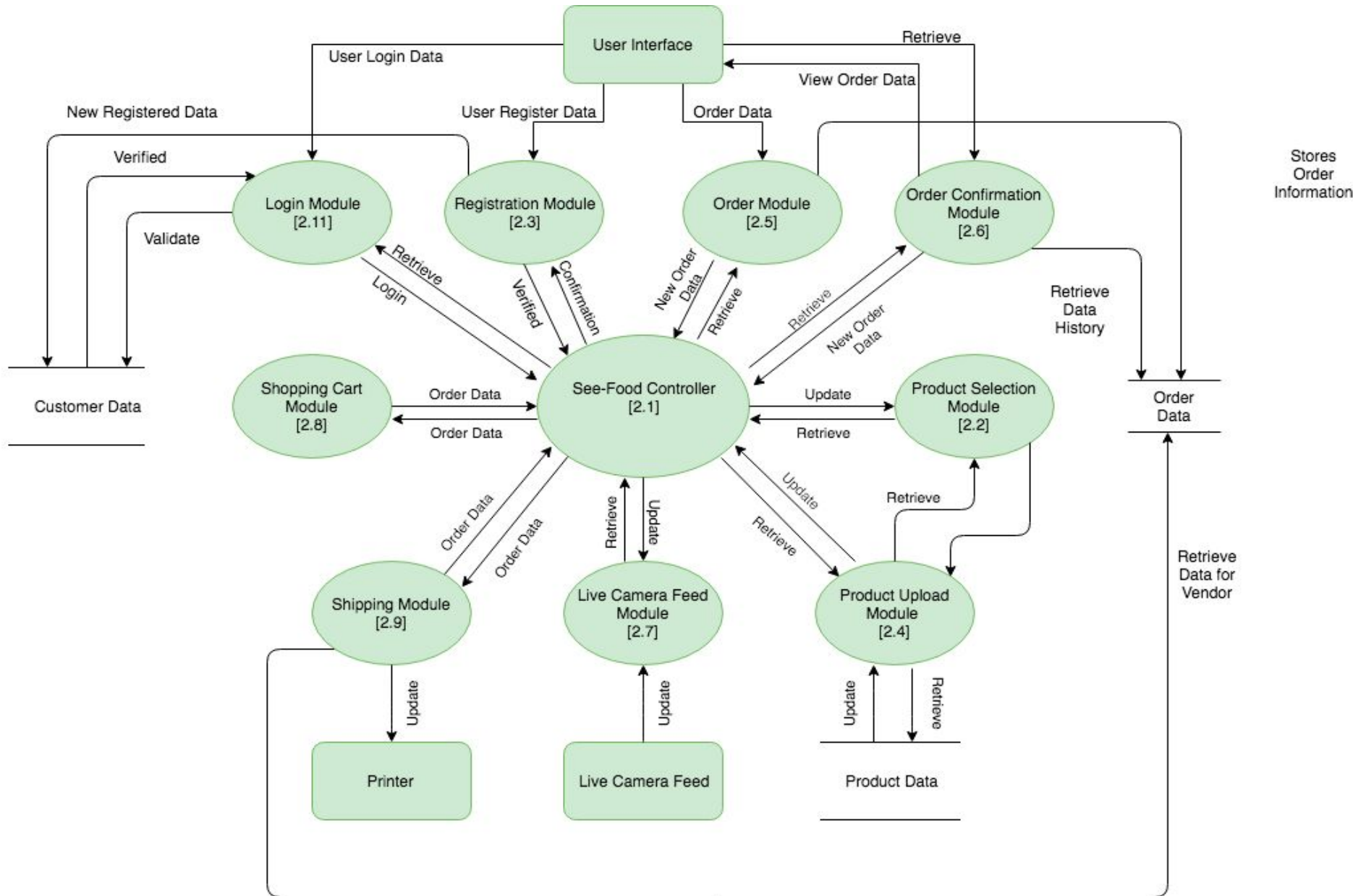
- View a live feed of seafood
- Order food from home using the website
- Shipping the product to the user's home
- Tracking the order



DFD Level 0



DFD Level 1



See-Food Controller (SFC) [2.1]

Allows vendor to view and process web-based customer and order data from a locally running, centralized software application.

- Connects modules together and allows the vendor access to data.
- Provides the module process interfaces for the vendor to view, add, update & delete from the Customer, Order, and Inventory databases.

Product Selection Module [2.2]

Provides a method for the user to retrieve information pertaining a specific product that is seen in the live feed camera.

- Along with the live feed camera, the module will list products currently available.
- Each product would have a unique product ID placed on the body that is visible in the live camera feed. The user can use product ID to get more information about a product.
- A form with a text field allows the user to input a product ID (as seen from the live feed)
- The user's input queries the product database. If the product ID is valid, the data pertaining to that product ID (such as weight, length & date of arrival) is displayed back to user.
- If the product ID is not valid, the user receives an error message.



Registration Module [2.3]

- Creates a new user which can store user data to allow viewing of past and present orders.
- Works with the Login Module, in which that it validates user login if a user that has registered is found.



Product Upload Module [2.4]

- With the Product Upload Module, it is in charge of keeping the products, that are in stock, organized.
 - It allows the vendor to see what is currently in stock and what products are out of stock.
- It sends product information to the See-Food Controller so that the users who are browsing what products to purchase can have a more detailed description/information straight from the database.



Order Module [2.5]

- The Order Module allows the user to place fresh See-Food products into their own personalized Shopping Carts.
- This module also interacts with the Order Confirmation and Shopping Cart Modules to verify the orders the user has placed in their Shopping Cart.



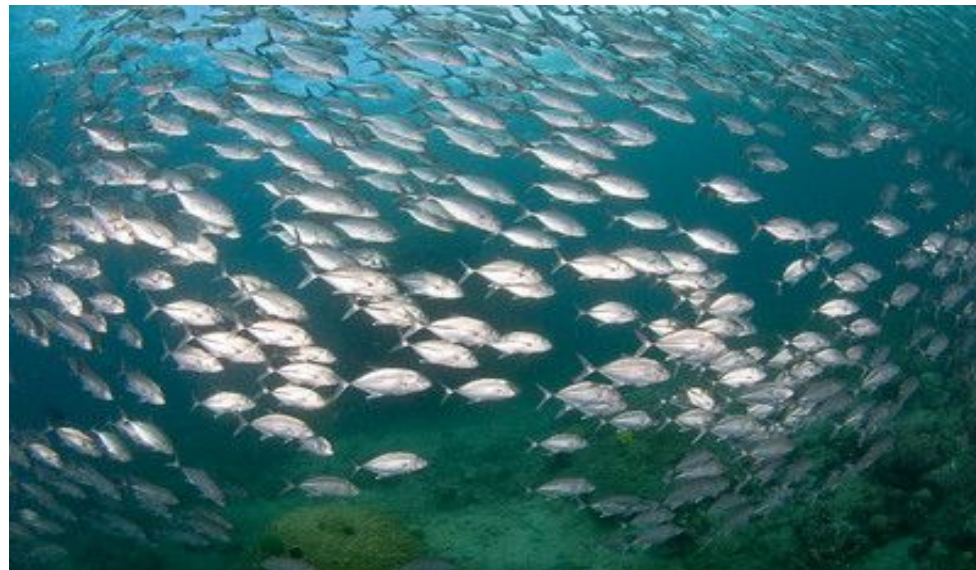
Order Confirmation Module [2.6]

- The Order Confirmation Module provides the user their product receipt after their order has been placed.
 - Allows user to print their invoice.
- This module will also email the customer a receipt of their invoice
- The module will display a unique OrderID for the customer

Order Number: 10508			
Order Date: Oct 8, 2014 2:52 PM			
Bill To: Mr. Brian Murphy			
Order Total: 153.00			
Payment Method: You will be billed for the balance due - Purchase Order Number 111.			
Ship To: Mr. Brian Murphy			
8910 Sylvan Rdg			
Eden Prairie, MN 55347-3336			
UNITED STATES			
Shipping Method: United Parcel Service			
<hr/>			
Item	Price	Qty	Total
Scottish Lobster (4kg)	150.00	1	150.00
Item Total			150.00
Shipping			1.00
Handling			2.00
Item Grand Total			153.00
Transaction Grand Total			153.00

Live Camera Feed Module [2.7]

- Live Camera Feed Module will provide a live feed of See-Food products to users, displaying the always-fresh-Seafood of See-Food Service Supreme!
- It interacts with the See-Food Controller so that the user can navigate through different live feed cameras to see their desired See-Food product.



Shopping Cart Module [2.8]

- The Shopping Cart Module helps the user to view or edit their Shopping Cart.
- The module will also help the users to add or delete any item as they like.
- When the users have finalized their products then the module would allow them to checkout their products.
- The module will also provide the user with many options of payment method and user could choose any one of them as they wish.



Shipping Module [2.9]

- The Shipping Module would be linked with the registration module for accessing the user's shipping information.
- The module would also prompt to the user if they want to make any changes to the shipping address during checkout
- When the users have ordered their products, the module would then print the shipping label with tracking number using the label printer.
- The tracking number then would be saved in the database.



Backup Slides

- None.