

Food Saver

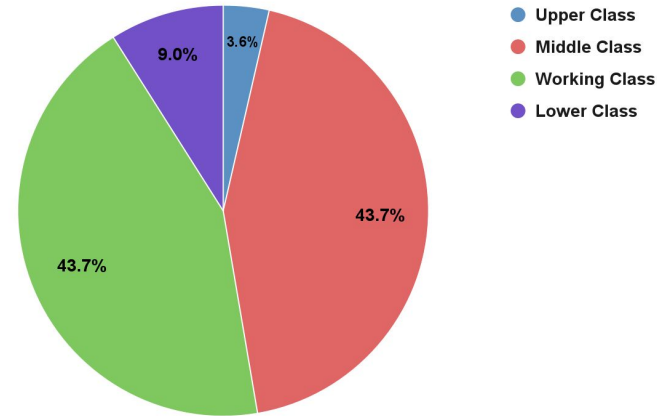
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Description and Purpose of Software System

- Food Saver will fundamentally provide registered food providers to sign up and sell their expiring food at a very discounted cost. These food providers will have the power to edit the food costs and other item information as well as add and delete such items. The customer will be able to easily search, filter, and sort these very low cost items and view their information.
- The purpose of this system is to give food providers a chance to sell their soon to expire food items, therefore limiting waste and increasing profits for said provider. Furthermore, it will give the customer a simple budget-friendly option towards their grocery bill.

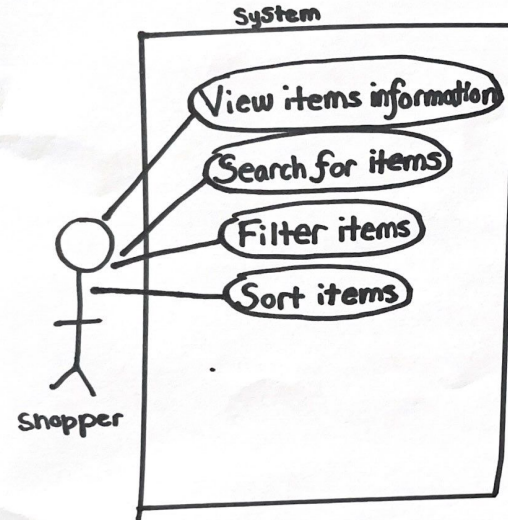
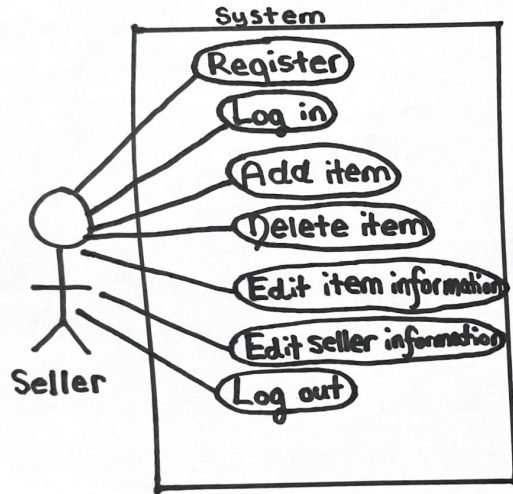
Targeted Users

- People that are budget-friendly, or very attentive with their money.
- Economical people who are actively trying to avoid wasting food and usable resources.
- Homeless people who may need this application in order to afford food.
- Although available to everyone, middle to low income people will benefit from this application even more.



Technical Platforms

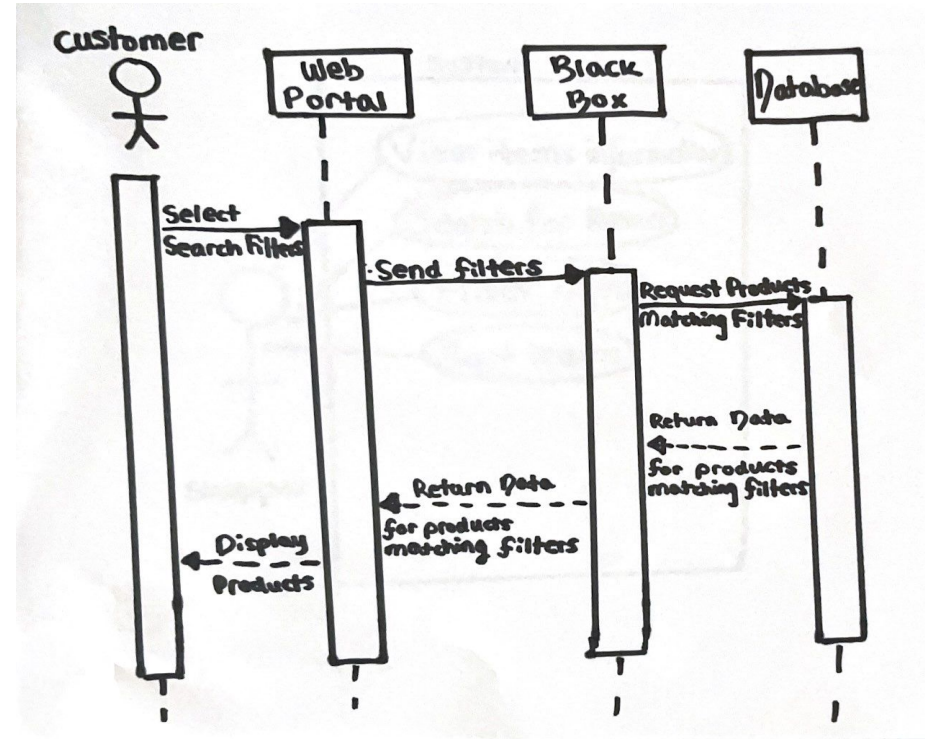
UML Use-Case Diagrams



The seller must register and login to alter items meanwhile the shopper can simply view such items on display while filtering through them.

UML Sequence Diagram

- This diagram pertains to the customer searching and filtering results on the Food Saver website.
- One must search filters through the web portal, send filters to black box, and request the appropriate matching products from the database. The database then returns this data back to the web portal so that the customer can view the desired products.

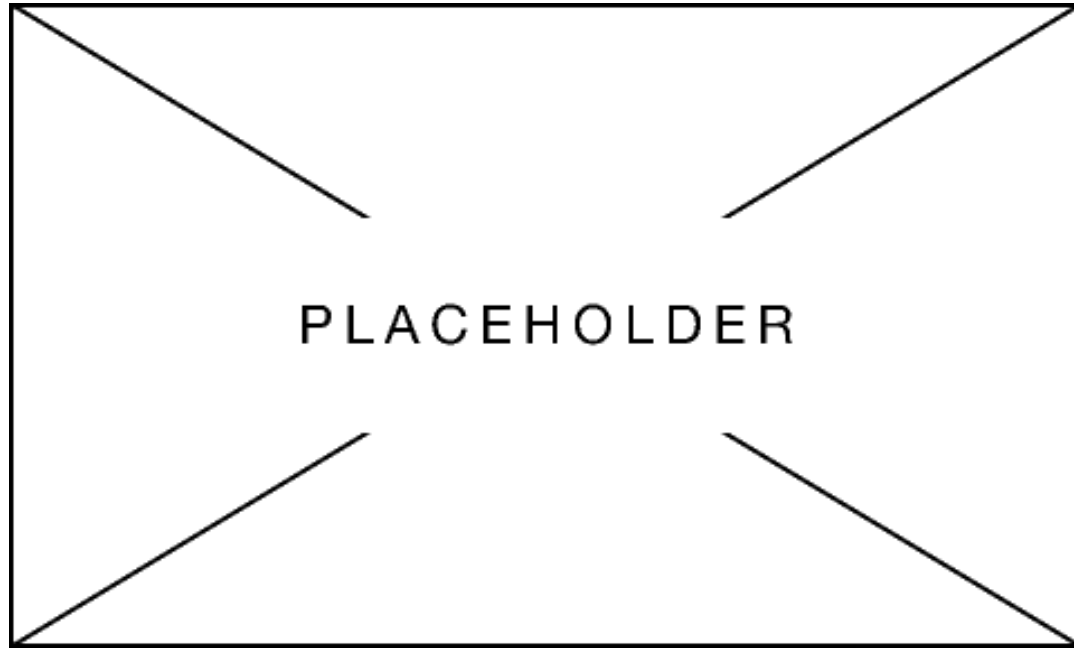


Process - Wireframes

- Wireframes are demonstrated here to represent the process flow of our HTML pages.
- As pictured, depending on the user being a shopper or seller, there are different paths to take concerning this.

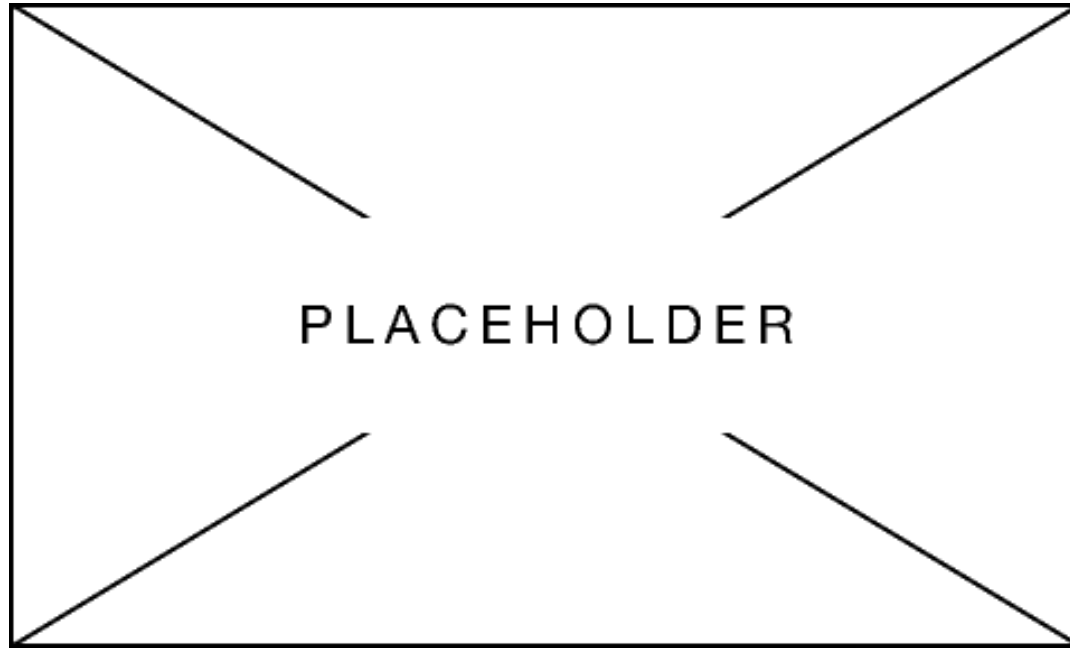


HTML Starting Page



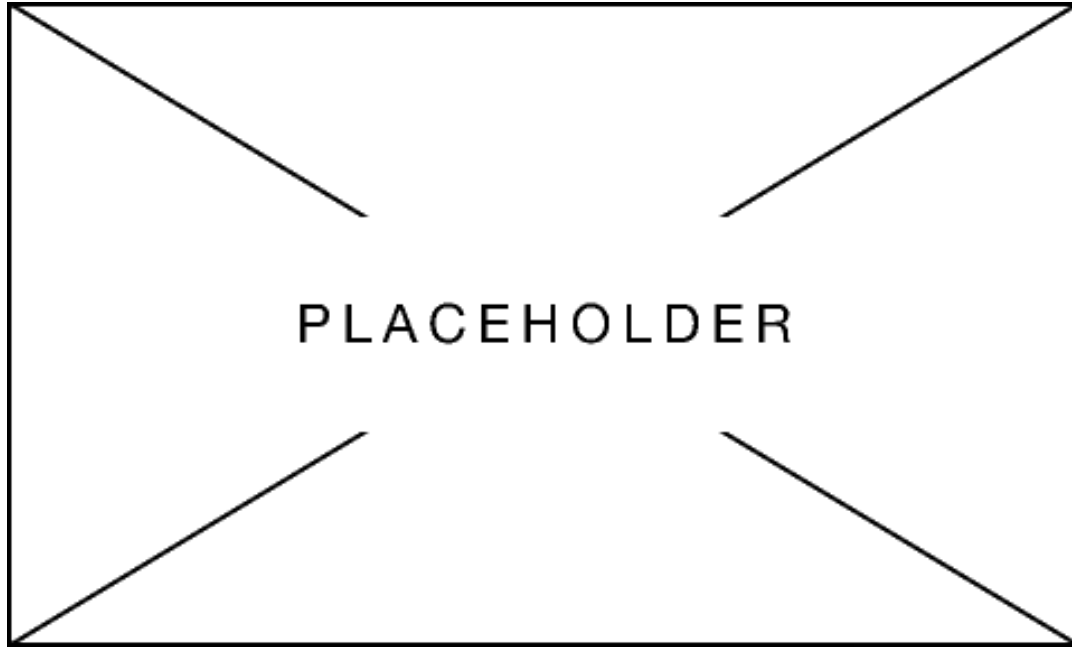
This introductory page queries the user of “Buyer” or “Seller”; this option initiates the appropriate path to take.

HTML Page 1 - Seller



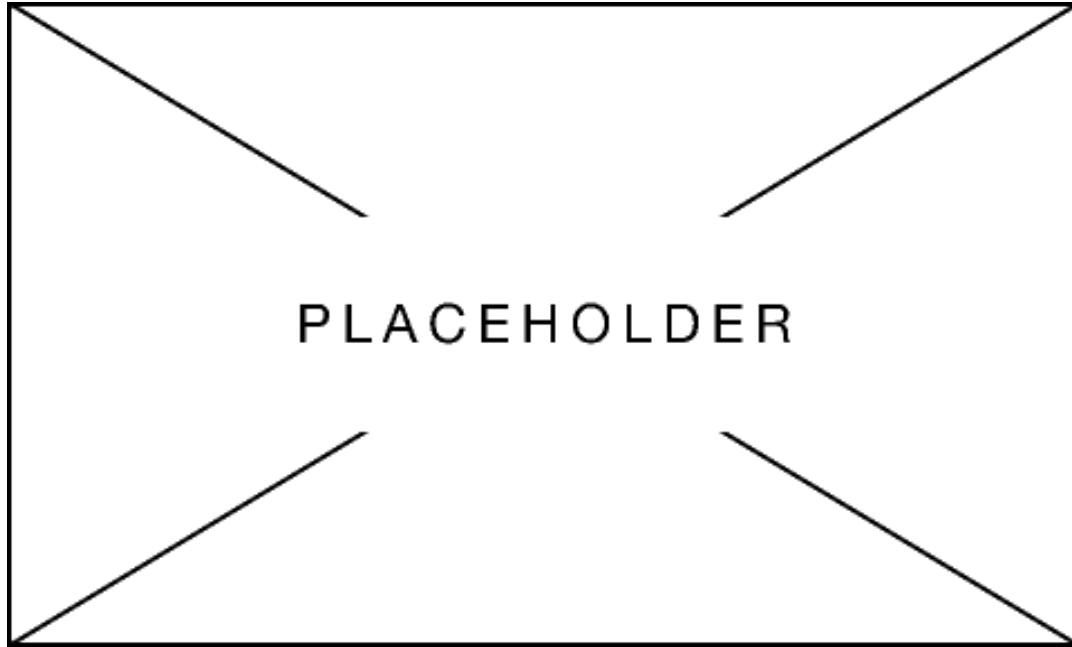
The “Seller” path initiates with this page; the food provider must login with appropriate credentials, or they may be a new user.

HTML Page 2 - Seller



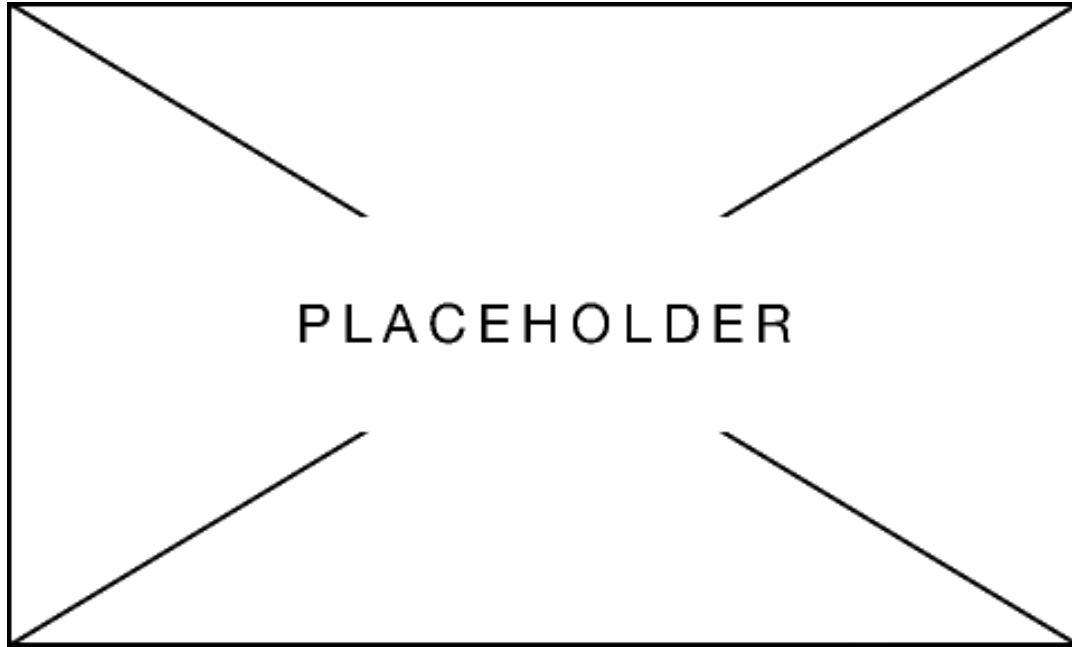
If the food provider is a new user, they must register with their information.

HTML Page 3 - Seller



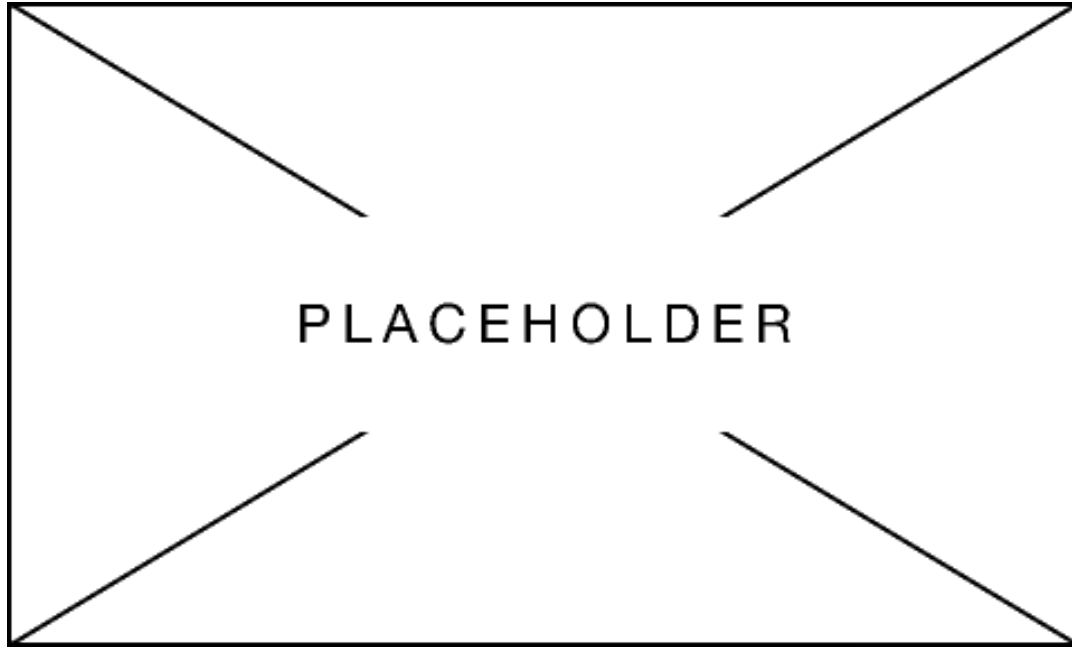
Once logged in or signed up, the food provider may be able to view their current listings along with their account information.

HTML Page 4 - Seller



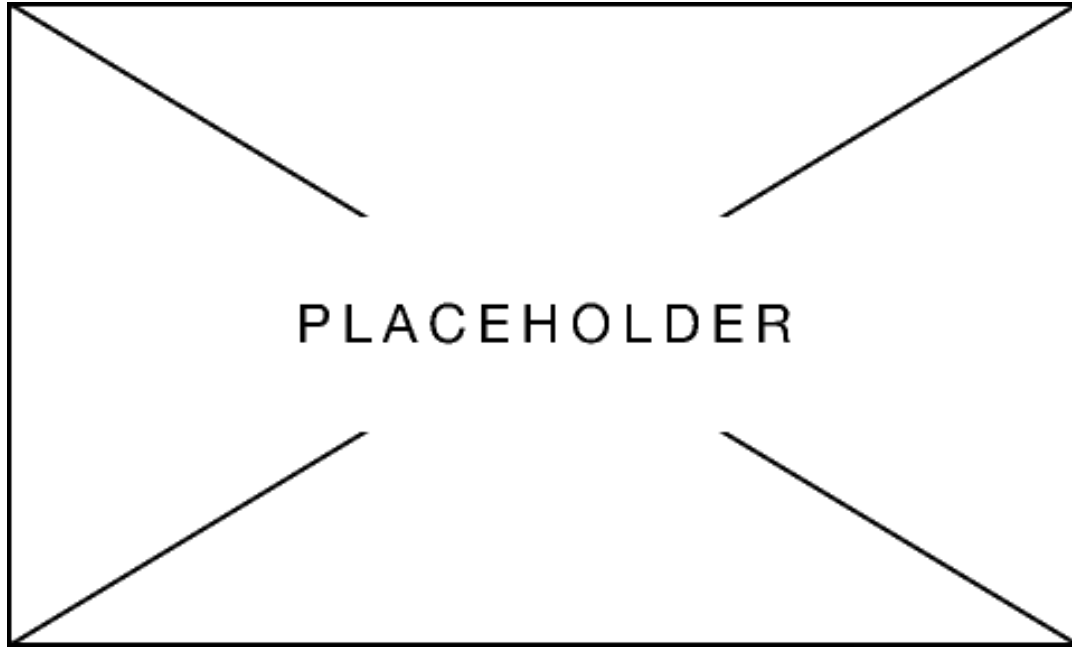
If the food provider may choose to add items, they may choose to.

HTML Page 1 - Shopper



The shopper may freely view and sort items offered by the Food Saver website.

HTML Page 2 - Shopper



The shopper may be able to view their billing information as well as what their cart contains.

Conclusion