Food Oasis

For Everyone

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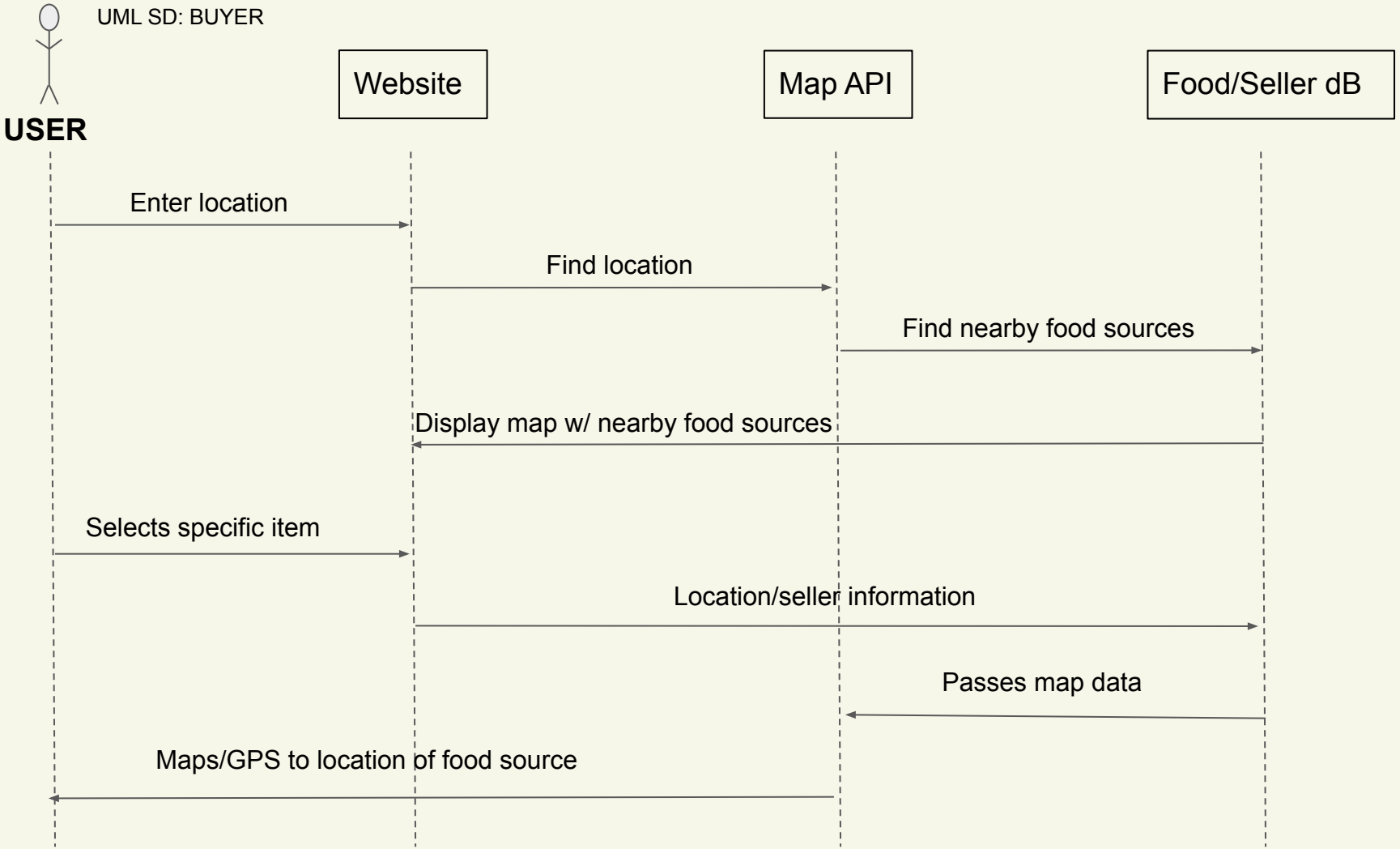
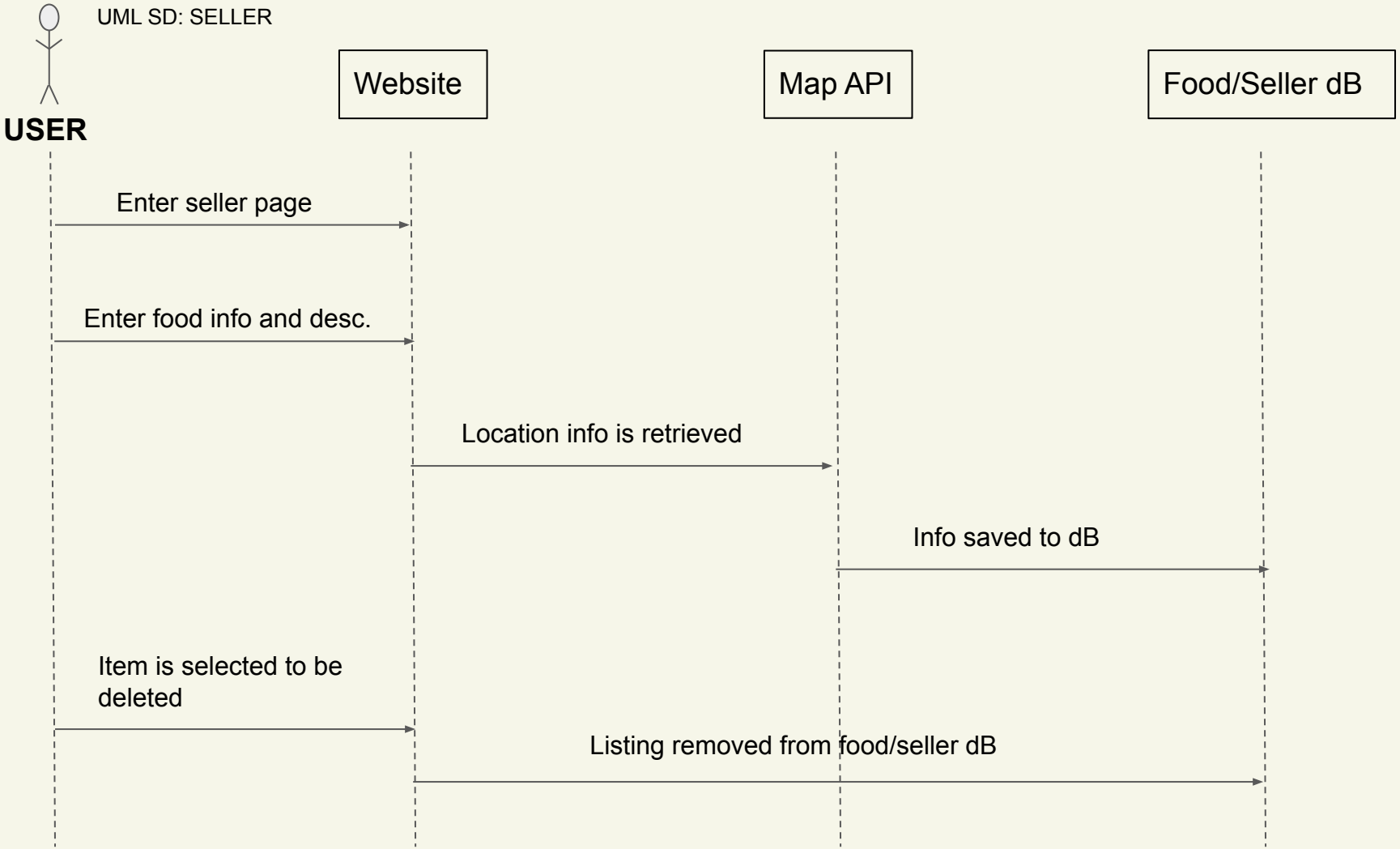
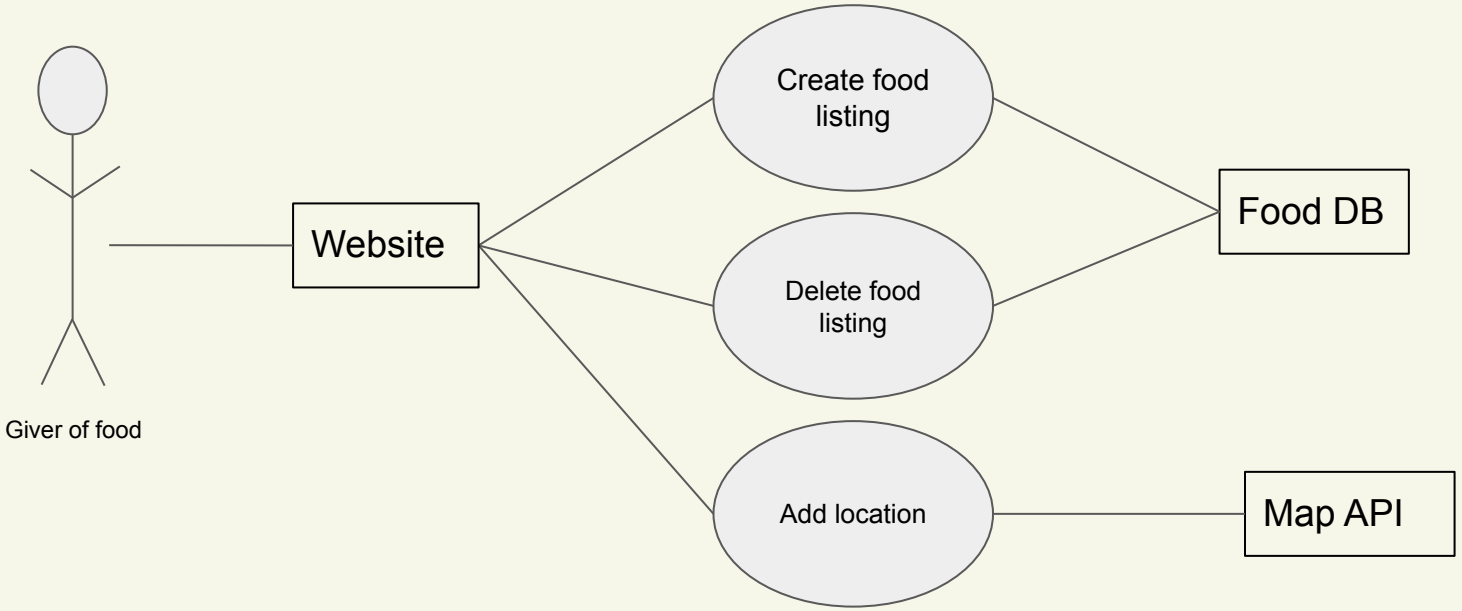
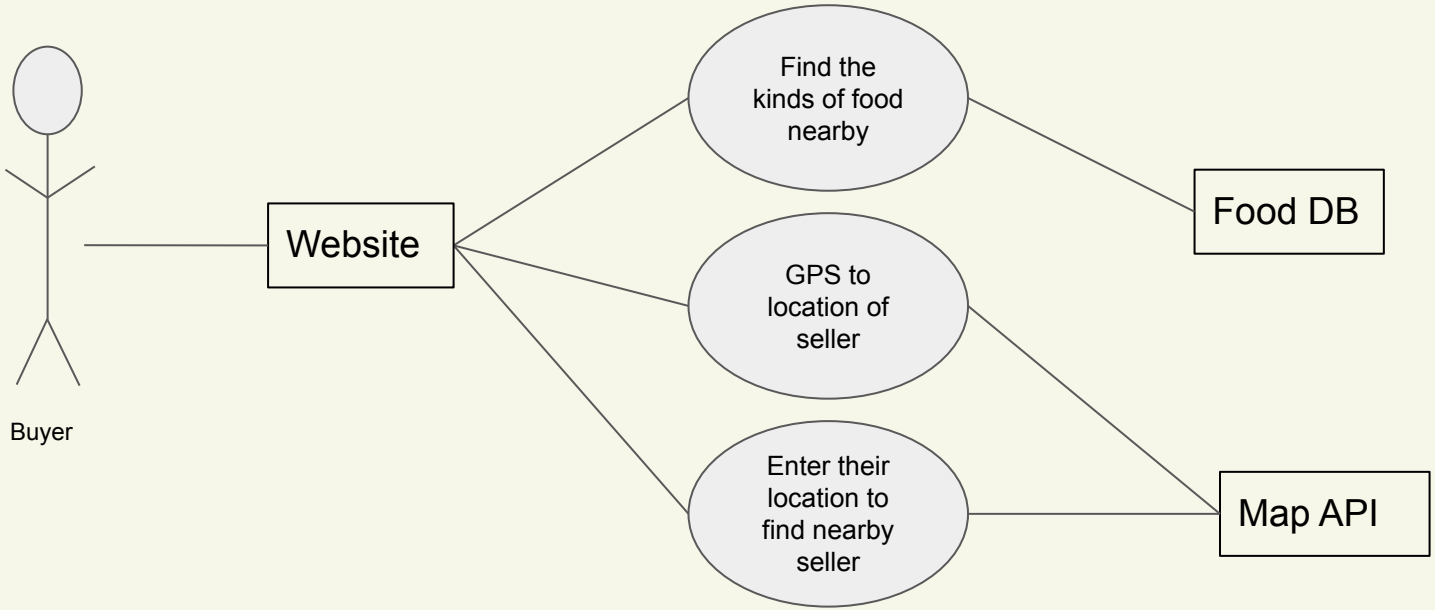

UML SD: BUYER
USER
Website
Map API
Food/Seller dB
Enter location
Find location
Find nearby food sources
Display map w/ nearby food sources
Selects specific item
Location/seller information
Passes map data
Maps/GPS to location of food source


UML SD: SELLER
USER
Website
Map API
Food/Seller dB
Enter seller page
Enter food info and desc.
Location info is retrieved
Info saved to dB
Item is selected to be deleted
Listing removed from food/seller dB

Use case: Seller



Use case: Buyer



Test case scenario

Test Scenario: Not Enough Supply for Demand

Input:

Food type/name of food

Test:

Test if there is a supply for said food

The sellers around the area have the food that the buyer wants

Output:

Error message if there's not enough of it

If there's enough send them sellers in the area

Throw in the database after acceptance that the good is gone

Test case scenario

Test scenario: Check location input

Input:
An address

Test:
Test if input is valid address (can be found on the map)

Output:
Error message if address is invalid. Continue if valid.

Test case scenario

Test scenario: Check that new listing can be created

Input: Listing information

Test:

1.) Test that user's name/company can be imputed
2.) Test that the user's location can be imputed
3.) Test that the user can select types of food from given options

Output:

- If successful, the user's input should be saved into database and can be found on the map with their corresponding information (name, foods).
- If failed, it would not appear on the map.