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FoodSource Agile User Stories

1. Requirements Introduction
    1.1. This document serves as software requirements specifications for FoodSource. FoodSource is an iOS app that acts as a marketplace to buy or sell food directly from its source. This document's purpose is to outline exactly what is being built, and why it is being built from the perspective of the user.
2. Functional Requirements
    2.1. Login Interface
        2.1.1. Signup
            2.1.1.1. As a user, I want to sign up with my email so I can be sure that the system validates my account.
            2.1.1.2. As a user, I want to select whether I am a buyer or a seller, so that the app can provide a personalized experience based on my role.
        2.1.2. Login
            2.1.2.1. As a user, I need to log in to my account using my email to access my personalized profile and settings.
    2.2. Buyer Interface
        2.2.1. Profile
            2.2.1.1. As a buyer, I want to easily create and edit my profile so I can personalize my experience and manage my preferences.
        2.2.2. Discovery
            2.2.2.1. Search
                2.2.2.1.1. As a buyer, I want to search for products by name, so I can find exactly what I'm looking for.
                2.2.2.1.2. As a buyer, I want to search for products by category so I can browse for a group of products
                2.2.2.1.3. As a buyer, I want to search for products by keyword so I can find multiple products that match what I'm looking for
            2.2.2.2. Filter
                2.2.2.2.1. As a buyer, I want to use filters like organic, non-GMO to refine my search results according to my dietary preferences.
                2.2.2.2.2. As a buyer, I want to filter by location to find sellers within my preferred distance.
                2.2.2.2.3. As a buyer, I want to filter by delivery methods to find sellers that can deliver products within my time preference
        2.2.3. Products
            2.2.3.1. As a buyer, I want to view product pages with descriptions so I can read about what the product is like.

2.2.3.2. As a buyer, I want to view product pages with photos so I can see the product.

2.2.3.3. As a buyer, I want to view product pages with prices so I can find products within my price range.

2.2.3.4. As a buyer, I want to read reviews on sellers to assess their reliability and product quality.

2.2.4. Ordering

2.2.4.1. As a buyer, I want to add items to a shopping cart and view the cart before checkout to review my potential purchases.

2.2.4.2. As a buyer, during the checkout process, I want to select from the available delivery methods provided by the seller, so I can choose the most convenient option for receiving my purchase.

2.2.4.3. As a buyer, I want to securely check out and pay within the app to ensure a smooth and safe transaction.

2.2.5. Communication

2.2.5.1. As a buyer, I want to message sellers directly for inquiries or special requests to ensure my needs are met.

2.2.5.2. As a buyer, I want to receive notifications about my order status and shipping updates to stay informed.

2.2.6. Feedback

2.2.6.1. As a buyer, I want to leave feedback for sellers after a transaction to share my experience with other users.

2.3. Seller Interface

2.3.1. Profile

2.3.1.1. As a seller, I want to set up and customize my profile with information about myself to attract buyers interested in my products.

2.3.1.2. Delivery Options

2.3.1.2.1. As a seller, I want to set my delivery options to include shipping, so I have the option to ship to a user that is too far for a local delivery or pickup.

2.3.1.2.2. As a seller, I want to set my delivery options to include local drop-offs, so I have the option to drop off the product to the user within the agreed upon timeframe.

2.3.1.2.3. As a seller, I want to set my delivery options to include pickups, so I have the option to let the user pick up the products they purchase.

2.3.1.3. As a seller, I need to specify my location and the range I am willing to deliver to, so buyers can filter by sellers within their desired area.

2.3.2. Listings

2.3.2.1. As a seller, I need to add product listings including details like price, quantity, and descriptions to build my product inventory.

2.3.2.2. As a seller, I need to update product listings in case I need to change my current inventory

2.3.2.3. As a seller, I need to remove product listings in case there are products that are no longer available.

2.3.3. Sales Management

2.3.3.1. As a seller, I want to track my sales history to manage my business effectively.

2.3.3.2. As a seller, I need to set availability for my products, including pre-order options for seasonal items, to efficiently plan my production.

2.3.4. Communication

2.3.4.1. As a seller, I want to communicate with buyers to answer questions, provide updates, or clarify orders to ensure customer satisfaction.

2.3.4.2. As a seller, I need to receive notifications about new orders, messages from buyers, or alerts for reviews to stay engaged with my customers.

2.3.5. Reviews

2.3.5.1. As a seller, I want to view buyer feedback to be able to improve upon user buyer concerts from my past orders.

2.3.5.2. As a seller, I want to respond to buyer feedback to address any concerns.

2.3.6. Finance

2.3.6.1. As a seller, I want to manage my payment settings so I can receive the money I earned.

2.3.6.2. As a seller, I want to view transaction histories to keep track of how much money I am owed.

2.3.6.3. As a seller, I need a straightforward process for withdrawing my earnings from the app to ensure I have access to my funds.

3. Environment Requirements

3.1. Hardware Requirements

3.1.1. To be able to run FoodSource, you need to have either an Apple computer to run it on a simulator device, or an iPhone to run the app.

3.2. Software Requirements

3.2.1. To be able to use FoodSource, you need to have Xcode to use it on a simulator device, or iOS to use it on an iPhone.