Workflow

**Data Workflow**

**Global Features**

1. Global search functionally should be available for all contents
2. Any content page should have lazy load and infinite scroll built in.
3. Filter should be included for all elements of each element
4. Notification system should be available globally for any events.

**Canteen Page**

1. A form or input mechanism for consumers to be able to upload the content to the platform.
2. User should be able to upload photos with the form.
3. User can review and rate item.
4. User can search items.
5. Search functionality should include location, user, type and any other text search.
6. Item should have sorting options, based on location, popularity, cost and other elements.
7. Popularity will be defined based on purchase count + review quality + review count + location proximity + delivery options + cost + negative review + purchase history + search behavior + wish list.

**Cookbook**

**Inventory**

1. Seller can add, edit, view and delete their own item.
2. Seller’s own personal cookbook will be privacy enabled
3. Seller can change privacy of each item to be able to make it public or private.
4. Seller can control the sale duration and quantity of product.
5. Seller should be able to search his/her entire inventory as well.

**Orders / Sold product View (Sellers View)**

1. This view will keep all orders including, sold, purchasing and orders in the pipeline.
2. All orders can be searched and
3. All orders can be republished or promoted for future sell.
4. All order element should contain
   1. Purchase history, that includes, who purchased when.
   2. Was there any discount
   3. Buyer location
5. Filtering should be available for all elements within order /sold view
6. This view should be controlled by privacy and restrict to logged in user only

**Purchased View (Buyers View)**

1. Buyer should be able to view all purchased items here.
2. Buyer can search all previously purchased items.
3. Recommendation can be available based on purchase history here.
4. All elements for each item should have filter option for narrowing down search.
5. In purchase view each item should have review (up/down) option available.
6. Buyer can re order any item from this view at a click of a button.
7. Buyer should have option to favorite or bookmark certain seller or item.
8. Buyer should get notification when item shipped.
9. This view should be controlled by privacy and restrict to logged in user only

**Wish List (Buyers View)**

1. Customer can add any item to wish list for future.
2. Any wish list item should be able to order from this view
3. This view should be controlled by privacy and restrict to logged in user only

**Cart**

1. Any item user wish to purchase, should be carted first and displayed here.
2. This view should be controlled by privacy and restrict to logged in user only
3. Purchased cart item should be removed from cart view and will be available in purchased view.
4. Checkout functions should be available from this view.
5. Cart items view should have edit delete and update options.
6. Discount method should be available.
7. Coupon can be applied for discount.

**Saved Cart**

1. Cart can be saved for future completion
2. Saved cart should send the notification to user to complete the cart.
3. Saved cart item can be removed.

**Checkout**

1. Payment gateway should be incorporated (Paypal, Stripe).
2. Cancel order processing function should be available

**Order Tracking**

1. Customer should be able to track orders and delivery progress

**Notification**

1. Buyer and seller both get communication through notifications
2. Delivery notification
3. Order ready or any other kind of push notification (SNS, SQS)

**Feedback**

**Authentication**

1. OAuth service should be incorporated