

ID	Page Title	Description	Contents	Data Type	Metadata		User Needs/Tasks
					Title	Description	
1	Pantry list	Provides an updated list of all inventory in the pantry	Item details	Text	Item Name	Name as mentioned in product label	To accurately identify the product, reduces ambiguity
					Original/updated quantity	Quantity when bought, updated quantity as used	To keep track of remaining quantity
					Expiry Date	Expiry mentioned on product	To keep track of expiry for timely usage
					Company name	Name of manufacturer	To improve product search
					Aisle	Vegetables, Fruits, Cereals, Beverages, etc	For better organization and quicker retrieval
					Date of purchase	The date of purchase	To keep track of purchases/ purchase frequency
					Nutritional info	Calories, carbs, fats, etc.	To make healthy decisions
					Associated recipes	Recipes that use the product	To match products with recipes
					Purchase history	To track history and for suggestions based on frequently bought	To view past purchases and reorder
					Barcode	For camera recognition	For easy pantry entry
					Notes	For custom user entry	To keep specific notes
			Image of item	Image			For faster recognition of product
			Search	Text			To enable quicker retrieval
			Add new item to pantry list	Button			To update pantry items
			Remove from pantry list	Button			To remove an item from pantry list
1.1	Product Page (Pantry)	Provides details of each pantry item	Item details	Text	Item Name	Name as mentioned in product label	To accurately identify the product, reduces ambiguity
					Original/updated quantity	Quantity when bought, updated quantity as used	To keep track of remaining quantity
					Expiry Date	Expiry mentioned on product	To keep track of expiry for timely usage
					Company name	Name of manufacturer	To improve product search
					Aisle	Vegetables, Fruits, Cereals, Beverages, etc	For better organization and quicker retrieval
					Date of purchase	The purchase date mentioned on the product	To keep track of purchases/ purchase frequency
					Nutritional info	Calories, carbs, fats, etc.	To make healthy decisions
					Associated recipes	Recipes that use the product	To match products with recipes
					Purchase history	To track history and for suggestions based on frequently bought	To view past purchases and reorder
					Barcode	For camera recognition	For easy pantry entry
					Notes	For custom entry	To keep specific notes
			Image of the item	Image			For quicker recognition
			Product Description	Text			To understand the product
			Share item	Button			To share a product with someone outside app
2	Shopping cart	Provides an updated list of all inventory in the shopping list	Item details	Text	Item Name	Name as mentioned in product label	To accurately identify the product, reduces ambiguity
					Price	The price that was paid for the purchase	To improve decision making based on pricing
					Quantity	Quantity when bought, updated quantity as used	To understand quantity of products
					Expiry Date	Expiry mentioned on product	To keep track of expiry for timely usage
					Company name	Name of manufacturer	To improve product search
					Aisle	Vegetables, Fruits, Cereals, Beverages, etc	For better organization and quicker retrieval
					Nutritional info	Calories, carbs, fats, etc.	To make healthy decisions
					Purchase history	To track history and for suggestions based on frequently bought	To view past purchases and reorder
					Barcode	For camera recognition	For easy pantry entry
					Notes	For custom user entry	To keep specific notes
			Image of item	Image			For faster recognition of product
			Search	Text			To enable quicker retrieval
			Add new item	Button			To update shopping list
			Wishlist	Button			To save products for future purchase
			Export shopping list	Button			To share shopping list with other users out of app ecosystem
					Item Name	Name as mentioned in product label	To accurately identify the product, reduces ambiguity

2.1	Product Page (Shopping)	Provides details of each item on the universal database	Item details	Text	Price	The price that was paid for the purchase	To improve decision making based on pricing
					Quantity	Quantity when bought, updated quantity as used	To understand quantity of products
					Expiry Date	Expiry mentioned on product	To keep track of expiry for timely usage
					Company name	Name of manufacturer	To improve product search
					Aisle	Vegetables, Fruits, Cereals, Beverages, etc	For better organization and quicker retrieval
					Nutritional info	Calories, carbs, fats, etc.	To make healthy decisions
					Purchase history	To track history and for suggestions based on frequently bought	To view past purchases and reorder
					Barcode	For camera recognition	For easy pantry entry
					Notes	For custom user entry	To keep specific notes
			Item image	Image			For quicker recognition
			Product Description	Text			To understand the product
			Add to pantry	Button			To add a purchased to product to pantry and simultaneously remove from shopping list
			Add to shopping list	Button			To add an item to shopping list
			Similar products	Image/ text			For user to view and compare similar products
			Share pantry	Button			To share a product with someone outside app
			Remove from shopping list	Button			To remove an item form shopping list
3	Recipe List	to provide recipe recommendations based on available pantry items and user preferences/restrictions	Recipe details	Text	Name	Name and alternate names for same recipe (if any)	To easy identification of recipe
					Ratings	User ratings to judge quality	To evaluate quality of recipe
					Prep time	Estimated cooking time	To decide based on available time
					Ingredients	List of all ingredients required	For a quick summary of what is needed. Also to know what is missing in pantry
					Social tags	User generated. Eg: Christmas	For unconventional search associated with common lingo
					Cuisine	Eg: Italian, Chinese, etc	To evaluate based on cuisine
					Diet	Eg: Vegan, Pescaterian, No lactose, etc	To verify if recipe conforms to user's dietary practices/restrictions
					Course	Appetizer, Main, Dessert, etc	To evaluate based on type of course
					Type	Eg: Salad, Fast food, etc	To evaluate based on recipe type
					Difficulty level	Eg: Easy, medium, expert	To evaluate if the user has sufficient expertise to carry out recipe
					Cooking technique	Eg: Baking, frying, steaming, etc	For user to know if they have required equipment to carry out recipe
					Nutritional info	Calories, carb, fat, etc	For healthy choices
					Price	Sum of prices of included ingredients	To view total estimated price involved in cooking the dish
					Serving size	Number of people recipe serves	To view/modify based on actual number of people cooking for
			Image of recipe	Image			For quicker recognition and to evaluate aesthetics of output
			Description	Text			For better understanding of the dish
			Share	Button			To share recipes with friends
			Favorites	Button			To save recipes for future
			Recipe Details	Text	Name	Name and alternate names for same recipe (if any)	To easy identification of recipe
					Ratings	User ratings to judge quality	To evaluate quality of recipe
					Prep time	Estimated cooking time	To decide based on available time
					Ingredients	List of all ingredients required	For a quick summary of what is needed. Also to know what is missing in pantry
					Social tags	User generated. Eg: Christmas	For unconventional search associated with common lingo
					Cuisine	Eg: Italian, Chinese, etc	To evaluate based on cuisine
					Diet	Eg: Vegan, Pescaterian, No lactose, etc	To verify if recipe conforms to user's dietary practices/restrictions
					Course	Appetizer, Main, Dessert, etc	To evaluate based on type of course
					Type	Eg: Salad, Fast food, etc	To evaluate based on recipe type
					Nutritional info	Calories, carb, fat, etc	For healthy choices
					Difficulty level	Eg: Easy, medium, expert	To evaluate if the user has sufficient expertise to carry out recipe

3.1	Recipe Page	provides information and method of cooking to recipe			Cooking technique	Eg: Baking, frying, steaming, etc	For user to know if they have required equipment to carry out recipe
					Price	Sum of prices of included ingredients	To view total estimated price involved in cooking the dish
					Serving size	Number of people recipe serves	To view/modify based on actual number of people cooking for
			Image of item	Image			For quicker recognition and to evaluate aesthetics of output
			Ratings/Reviews	Numeric/Text			To evaluate quality of recipe
			Social tags	Text			For unconventional search associated with common lingo
			Description	Text			To understand the recipe better
			List of ingredients	Text			To get a summary of all ingredients used in recipe
			Tutorial	Video			For video tutorial of recipe execution
			Tutorial	Text			For text-based step by step recipe guidance
			Number of people	Numeric			To customize/reorient recipe for actual number of people
			Add missing items to cart	Button			To auto-add items to shopping cart, when user does not have all the required items
			Rate recipe	Numeric			To add rating based on experience
			Review	Text			To add review based on experience
			Similar recipes	Image/text			To view recipes that are similar to selected recipes
			Share recipe	Button			To share a recipe with someone outside app
4	Profile page	For maintaining user profile and customizations	Profile details	Text	Profile name	Preferred name of user	For customized experience
					Age	Current age of user	To give age specific recipes
					Email	Linked Email ID	For newsletter and backup
					Dietary preferences	Cuisine and diet preferences	For customized search results and suggestions
					Dietary restrictions	List of ingredients to avoid	To avoid recipes containing restricted ingredients
					People cooking for	Number of people you usually cook for	To give default recipes in preferred serving sizes
					Measurement system	Imperial/metric	For customized experience
					Language	App language	For customized experience
					Location	City where app is being used	To source data from local market and apply local currency
			Purchase history	Text			To view past orders
			Friends	Button			When sharing pantry items among 2 or more people
			Help & Support	Button			For in-app assistance to achieve user goal
			Logout	Button			To log out of profile