

Number	Name	Requirements	Priority	Rationale
Account				
1	Create Account	The user shall create a account with the following information:		An account is necessary to use app
		First Name *	1	
		Last Name *	1	
		Email	3	
		University ID *	1	
		Username (See req 2) *	1	
		Password (See req 3,4) *	1	
2	Username	Username must be 7 characters	1	
3	Password	Password must be 7 characters	1	
4	Password	Password must include special character (!,@,#,\$,%,&,* )	1	Account Security
5	Diet	Click any Dietary Restrictions	3	Optional for Account Personalization
		Write specific Dietary Restrictions	3	
Recipe				
	Create Recipe	The user shall create a recipe with the following information:	1	
		Name (*)		
		Ingredients (see req 40)		
		Duration		
		Steps		
	Save	The user shall be able to save recipes	1	Saving recipes allows users to easily access recipes they like
	Unsave	The user shall be able to unsave recipes	1	
	Delete	User shall be able to delete recipes which they authored	1	Deleting recipes is one of the main purpose of the app
	Modify	User shall be able to modify recipes which they authored	1	Modifying recipes is one of the main purpose of the app
	Recommend Recipes	The software shall recommend similar recipes to the one the user has saved	3	The user my need more recipes based on their ingredients
	Duration	The software shall display how long each recipe will take	1	The duration is necessary information for users
	Rate	The user shall be able to rate recipes	3	Rating recipes allows users to notify other users about recipe quality
	Comment	The user shall be able to comment on other users' recipes	3	Comments allow users to interact with other users
	Provided Recipes	The system shall provide recipes with the following information	1	
		Name (*)	1	
		Step by step direction		
		Ingredients		
		Duration		
	Catagories	The system shall catagorize recipes based on:	2	
		Culture		
		Food restrictions		
		Breakfast, Lunch, Dinner		
	Validate Recipes	The admin shall disapprove or approve recipes	1	Making sure the recipes created are following the guidelines of what is required to be a valid recipe makes sure there are no weird things happening.
	Similar recipes	(how to find similar recipes)		
	Ingredients	The system shall require the following information for ingredients	1	
		Name (*)		
		Amount		
		Unit		
Search				
	Sort	The user shall be able to sort by the following categories:		This function will alow the user to be able to search for specific recipe
		Search for Ingredient		
		Search for Cuisine		
		Search for Recipe Duration		
		Search for Recipe Price		
		Search for Recipe Rating		
		Search for Recipe Portion		
Meal Plans				
	Create meal plan	The user shall be able to create a meal plan	1	
	Add Recipes	User shall be able to add recipes to a meal plan	1	Adding recipes to their plan will help the system develop a list of what is needed.
	Remove Recipes	User shall be able to remove recipe from meal plan	1	Being able to change what is set in the meal plan makes it easier for the user to decide what is best for them in whatever timeframe
	Set name	User shall be able to set a name for their meal plan	2	
	Display Grocery list	System shall display a grocery list of all ingredients for meal plan	1	
	Multiple plans	The user shall be able to create multiple meal plans	1	
Recipe Recommendation				
	Recommend Recipes	The system shall randomly recommend 3 recipes based on the following criteria:		System should recommend Recipes to User while looking for recipe
		Five of the same Ingredients in the current recipe and from exisiting recipes		
		Two of the same words in the current recipe and from the exisiting recipes		