CSCI 4448 Spring 2016

Project Write-up 2

Project: Cheap Chef

Name: Nhan Peter Nguyen

USER ID	REQUIREMENT
UR-005	User can save a dietary preference/restriction
UR-008	User can remove an ingredient from their list

Use Case Documents

Use Case ID:	UR-005
Use Case Name:	The user can save a dietary preference/restriction
Description:	User can save a dietary preference/restriction so that when they search those ingredients are automatically filtered

Actors:	User		
Pre-conditions:	None		
Post-conditions:	Ingredients are filtered out based on user's saved dietary preferences/restriction		
Frequency of Use:	Whenever user wants to save a dietary preference/restriction		
Flow of Events:		**Actor Action**	**System Response**
	1	User clicks on search	
	2	User clicks on advanced search	
	3	User clicks on filter	
	4	User enters in ingredients	Ingredient entered is displayed
	5	User saves ingredients as dietary preference or restriction	Dietary preference or restriction is saved
Variations:			
Exceptions:			
Developer Notes:			

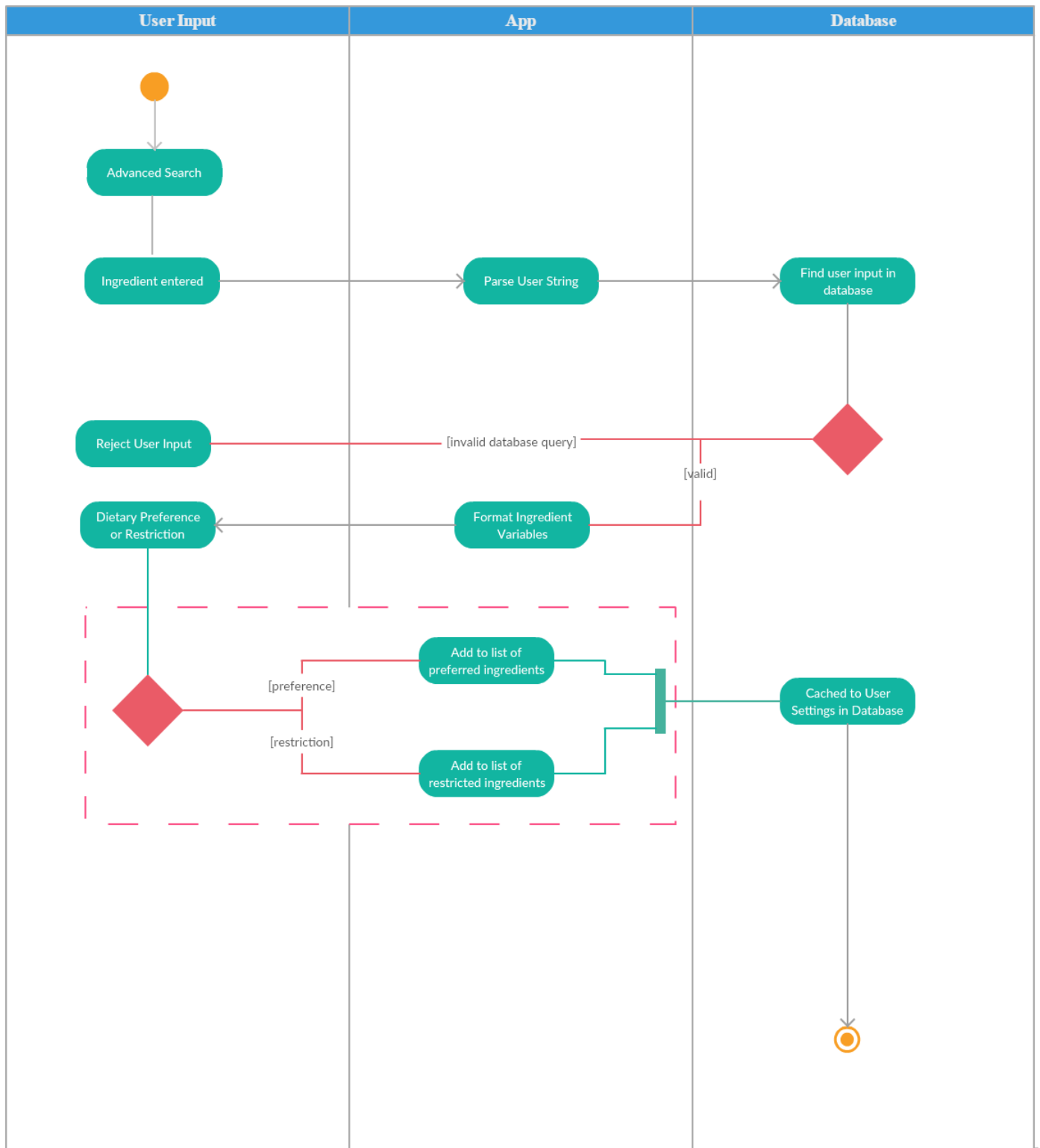| Use Case ID:	UR-008
Use Case Name:	The user can delete ingredients from their list
Description:	User is allowed to delete ingredients selected from their list

Actors:	User		
Pre-conditions:	User has selected an ingredient		
Post-conditions:	Ingredient is removed from user's ingredient list		
Frequency of Use:	Whenever user wants to remove an ingredient		
Flow of Events:		**Actor Action**	**System Response**
	1	User clicks on search	
	2	User searched for ingredient	Searched ingredient is displayed
	3	User adds ingredient	Ingredient is added to user list
	4	User deletes ingredient	Ingredient is removed from user list
Variations:	1a. User clicks on category		
Exceptions:			
Developer Notes:			

Activity Diagram

Requirement ID: UR-005
Use Case ID: UC-005
Use Case Description: The user can save a dietary preference/restriction

Sequence Diagram

Requirement ID: UR-005
Use Case ID: UC-005
Use Case Description: The user can save a dietary
preference/restriction

User

Search Bar

Matching Ingredients

Ingredient List

UserInput()

getIngredient()

ingredientMatch()

addDietaryNeed()

addList()