

Use Case Document

User ID	Requirement
UR-001	The user can select an ingredient from a category
UR-002	The user can select an ingredient from a search function
UR-003	The user can filter options based on dietary preference
UR-004	The user can filter options based on price of ingredients
UR-005	The user can make a dietary preference as mandatory or preferred
UR-006	The user can delete ingredients from their list
UR-007	The user can generate recipes based on current ingredient selection

Use Cases

Requirements:

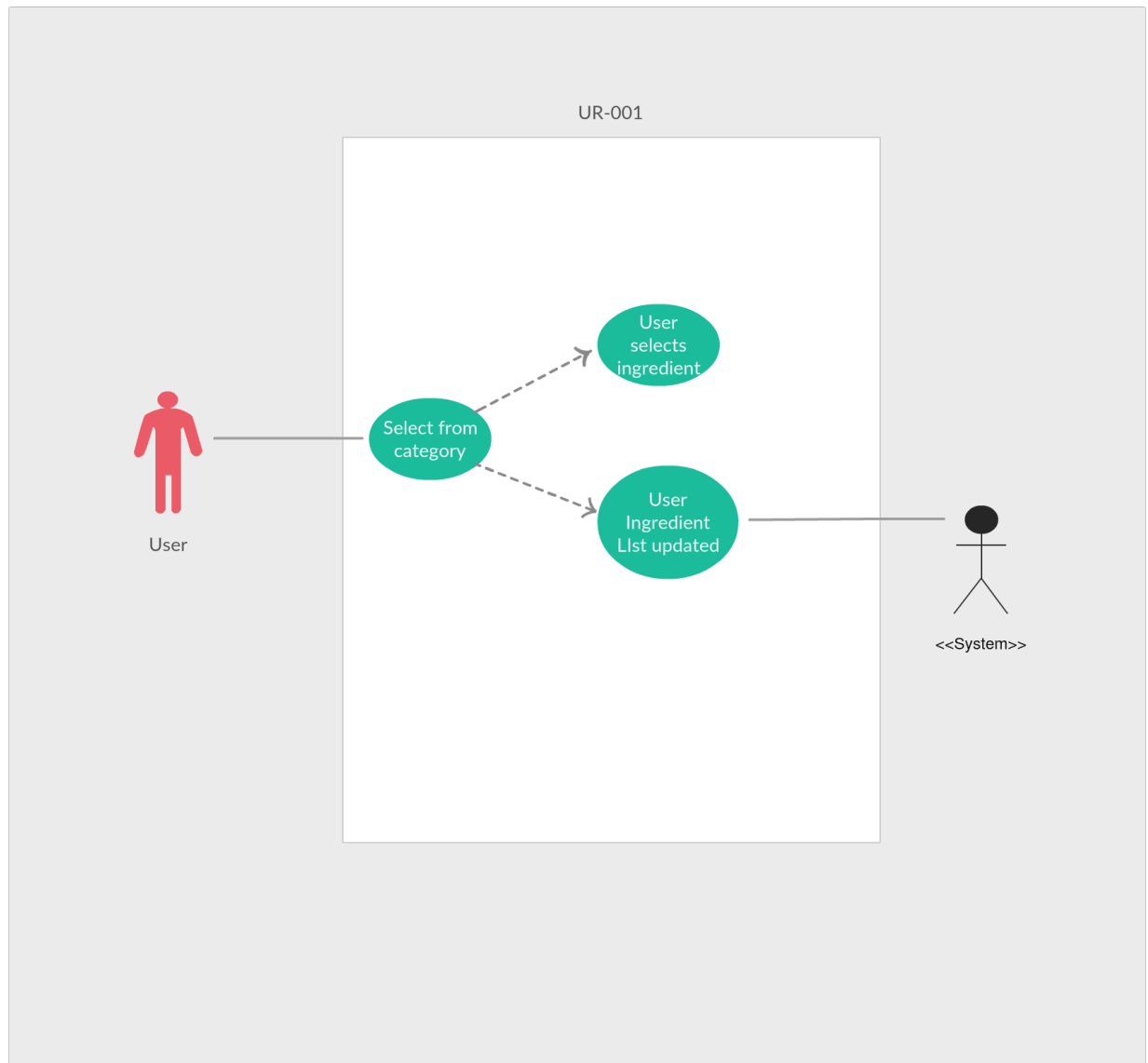
UR-001: As a user I want to be able to select my ingredient out of a category

UR-002: As a user I want to be able to search for my ingredient

Use Case Documents:

Use Cases	UR-001
Use Case Name	As a user, I can choose an ingredient from a category
Description	User has option to display categories of ingredients
Actors	User
Pre-conditions	None
Post-conditions	Ingredients in category displayed to user
Frequency of Use	When ever user wants to choose ingredient but not search for it
Flow of Events	Actor Action: Click on desired category System Response: Return all ingredients matching category
Variations	User does not select ingredient
Exceptions	If too many ingredients exist it shouldn't allow an addition
Developer Notes	Depicted in Figure 1

Use Cases	UR-002
Use Case Name	As A user, I can search for an ingrediente to add
Description	User can enter text into search bar to display results
Actors	User
Pre-conditions	None
Post-conditions	User has list of ingredients to select from
Frequency of Use	When the user wants to choose an ingredient but not just use a category
Flow of Events	Actor Action: Enter an ingredient into the search bar System Repsonse: Return a list of all matching ingredients
Variations	No matching ingredients are found
Exceptions	If no ingredient is found it should recommend a similar ingredient
Developer Notes	Depicted in Figure 2



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Figure 1: UR-001

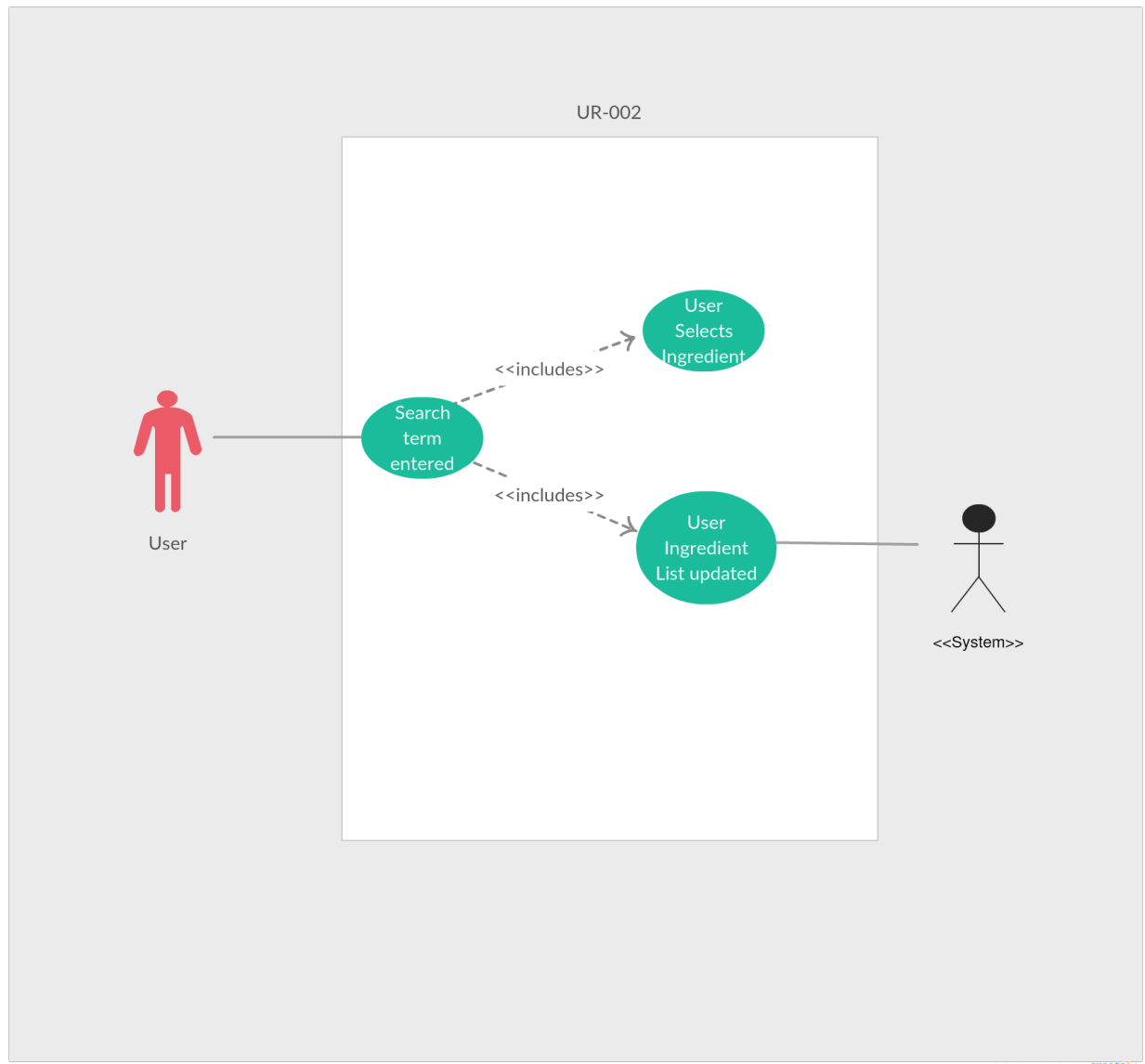


Figure 2: UR-002

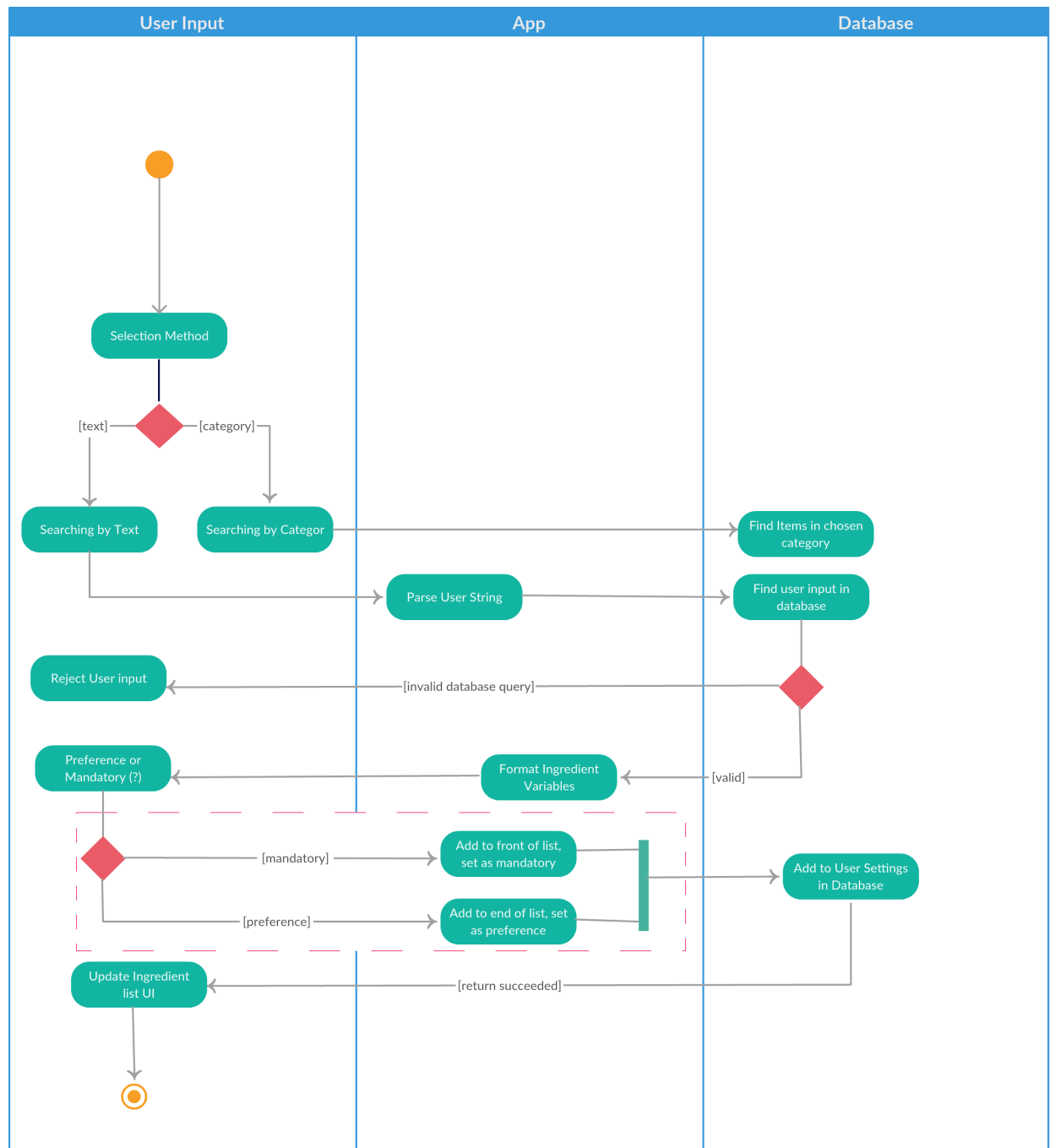


Figure 3: Activity Diagram

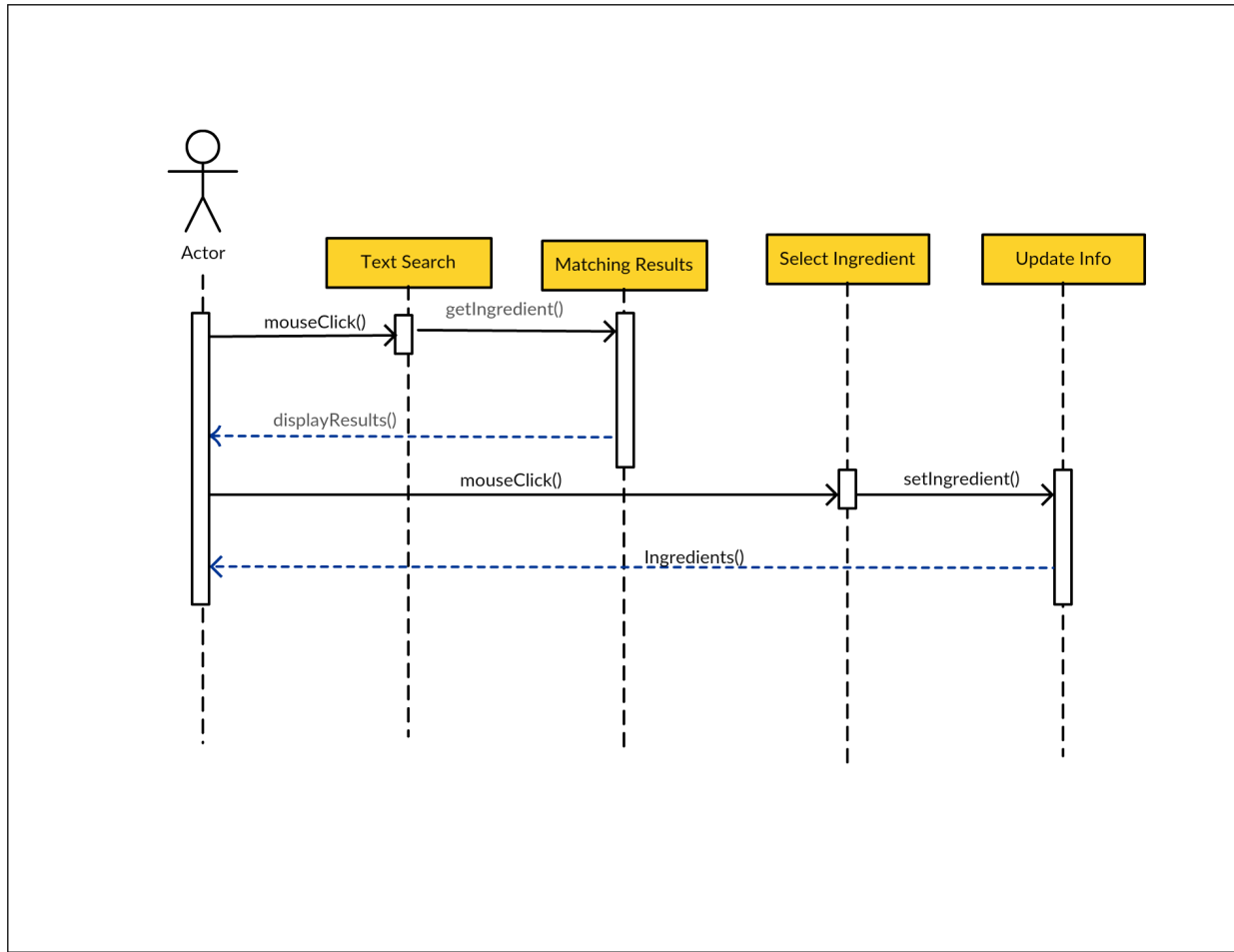


Figure 4: Sequence Diagram