

sd [SSD_4.3]

User

: System

1: getShoppingItems()

1.1: items

loop

[purchased items still on list]

2: purchaseItems(selectedItems)

2.1: numItemsPurchased



sd [SSD_6.1]

User

: System

1: getFoods()

1.1: foods

loop

[not satisfied]

alt

[add]

2: addFood(name, category, nutrition)

2.1: food

[delete]

3: removeFood(id)

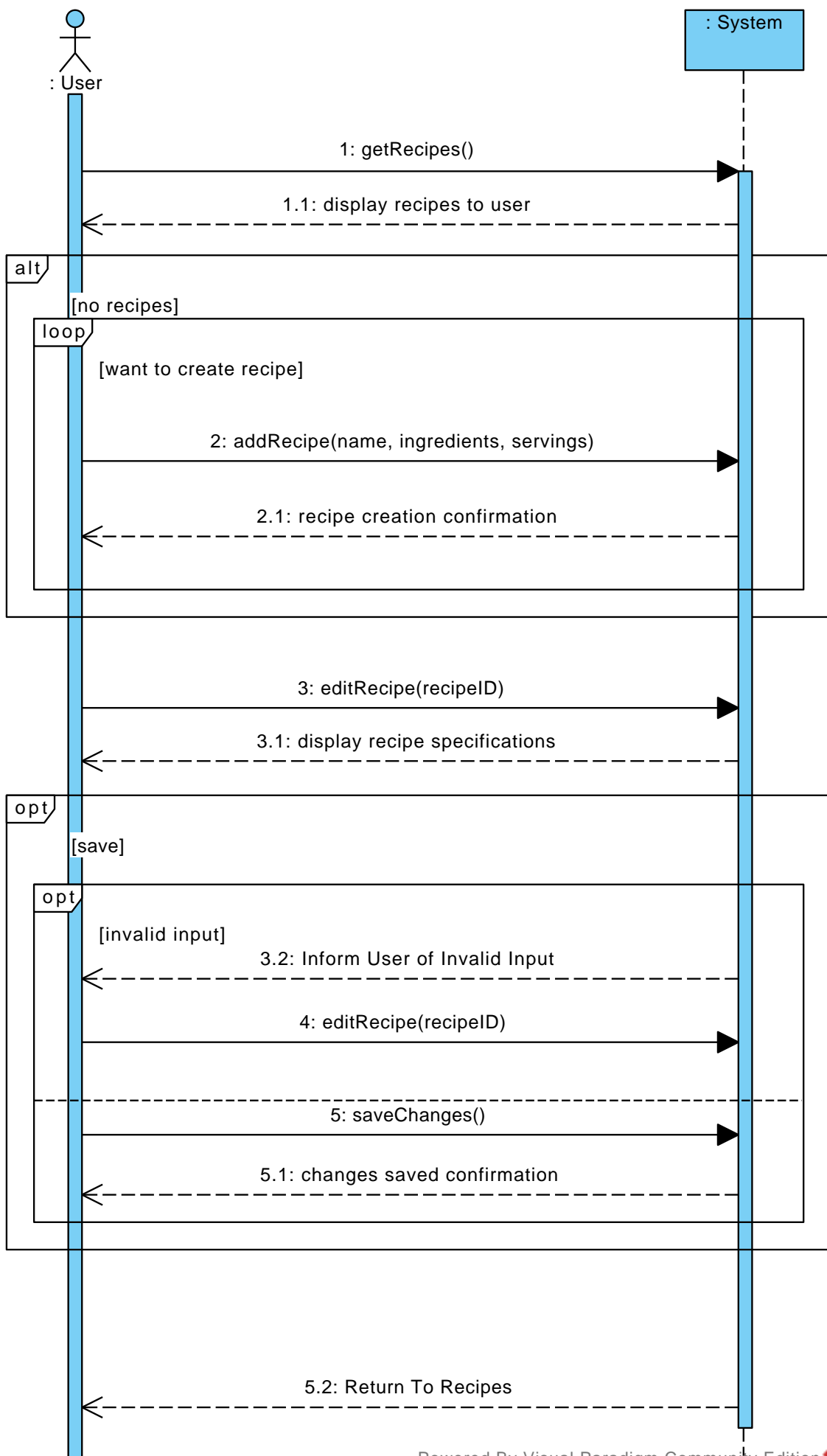
[edit]

4: editFood(id, name, category, nutrition)

4.1: food



sd [UC 3.4]



sd [UC 3.5]

: User

: System

1: viewRecipes()

1.1: Display Recipes

2: getRecommendedRecipes()

2.1: Display Recommended Recipes

opt

[view recipe]

3: getRecipe(recipeID)

3.1: Display Recipe

sd [UC 6.2]

: User

: System

1: getItems()

1.1: Display Food Types

2: addFood(name, category, nutrition)

opt

[food type already exists]

loop

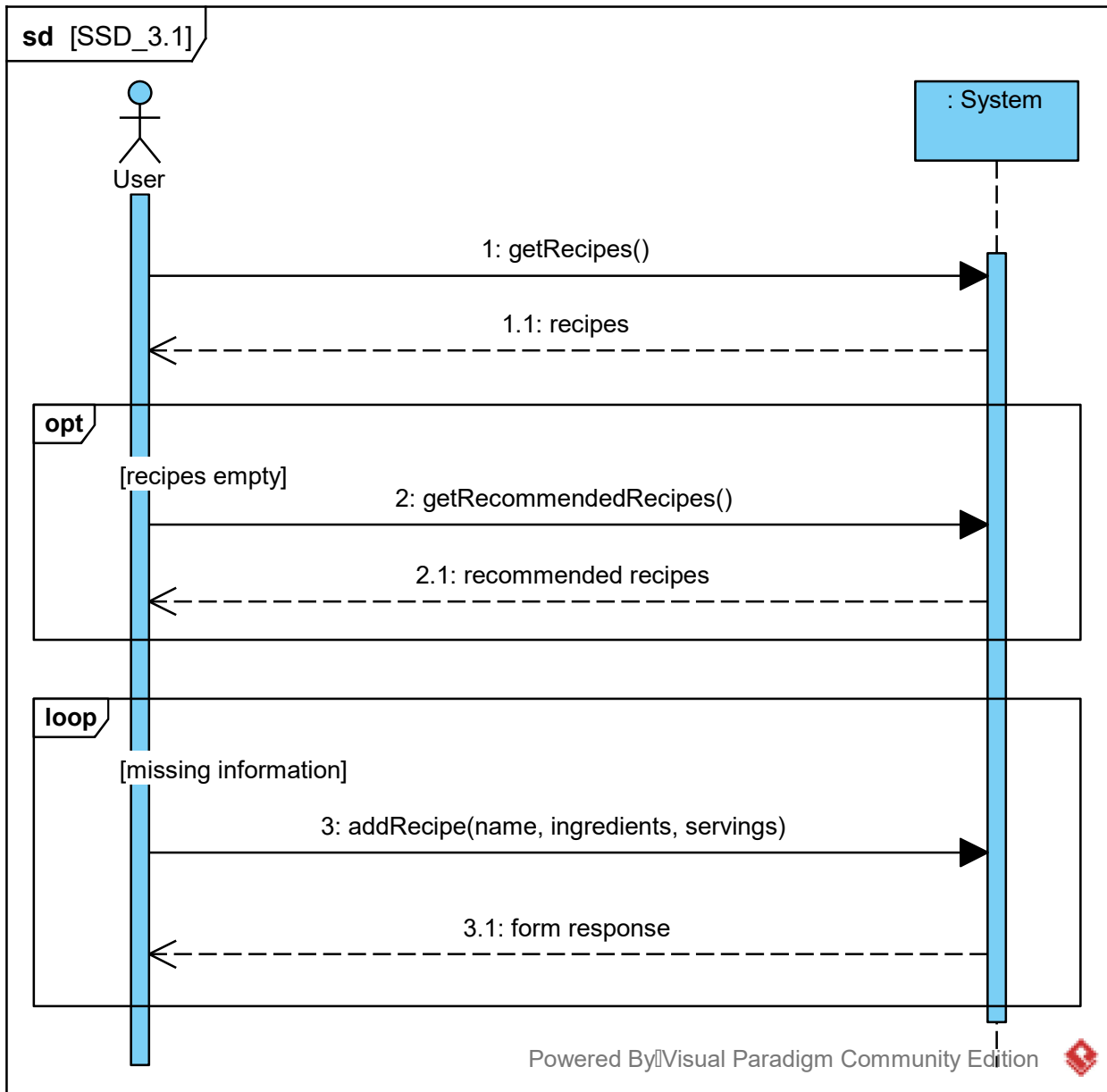
[fix input]

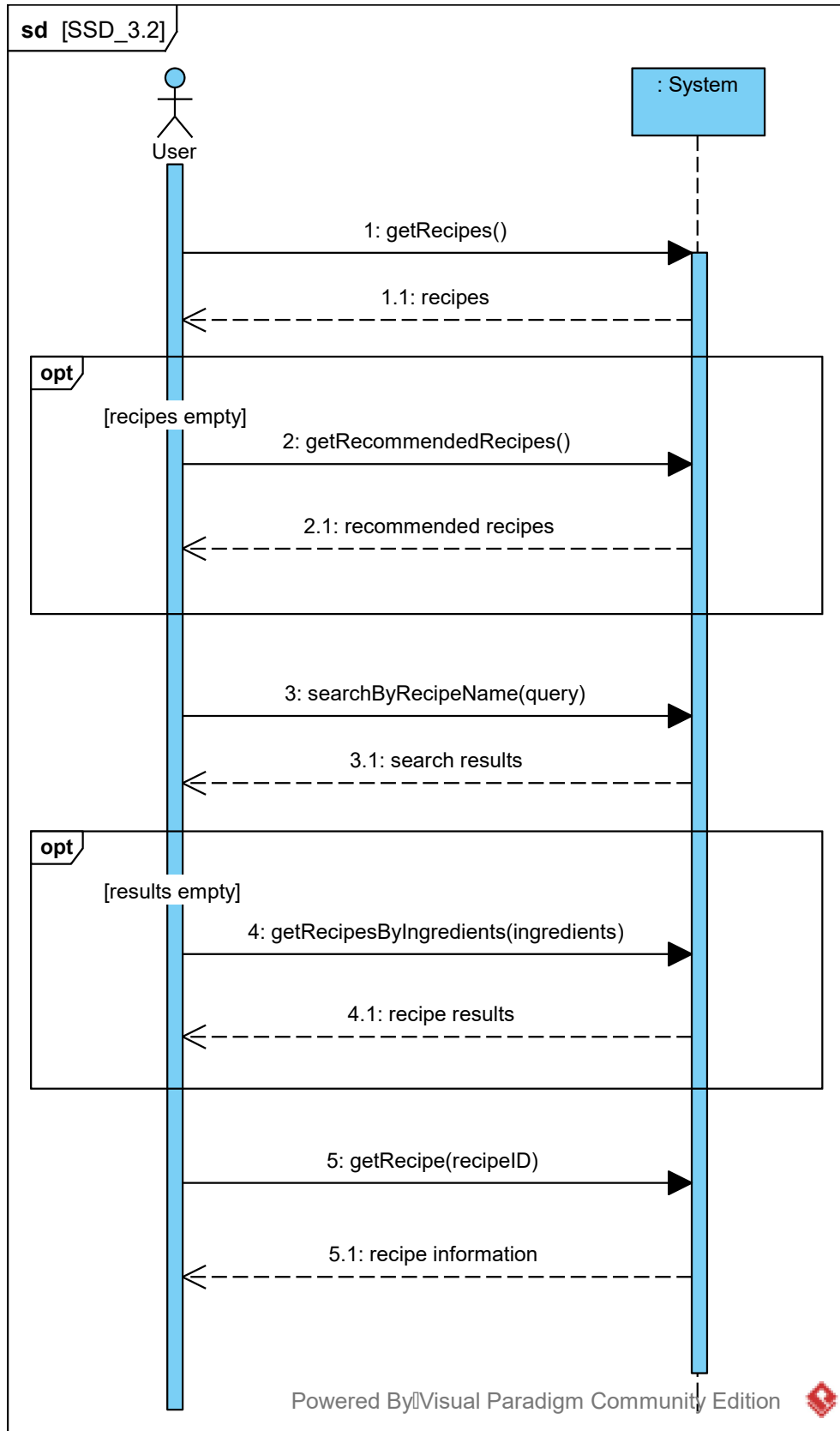
2.1: Inform User of Invalid Input

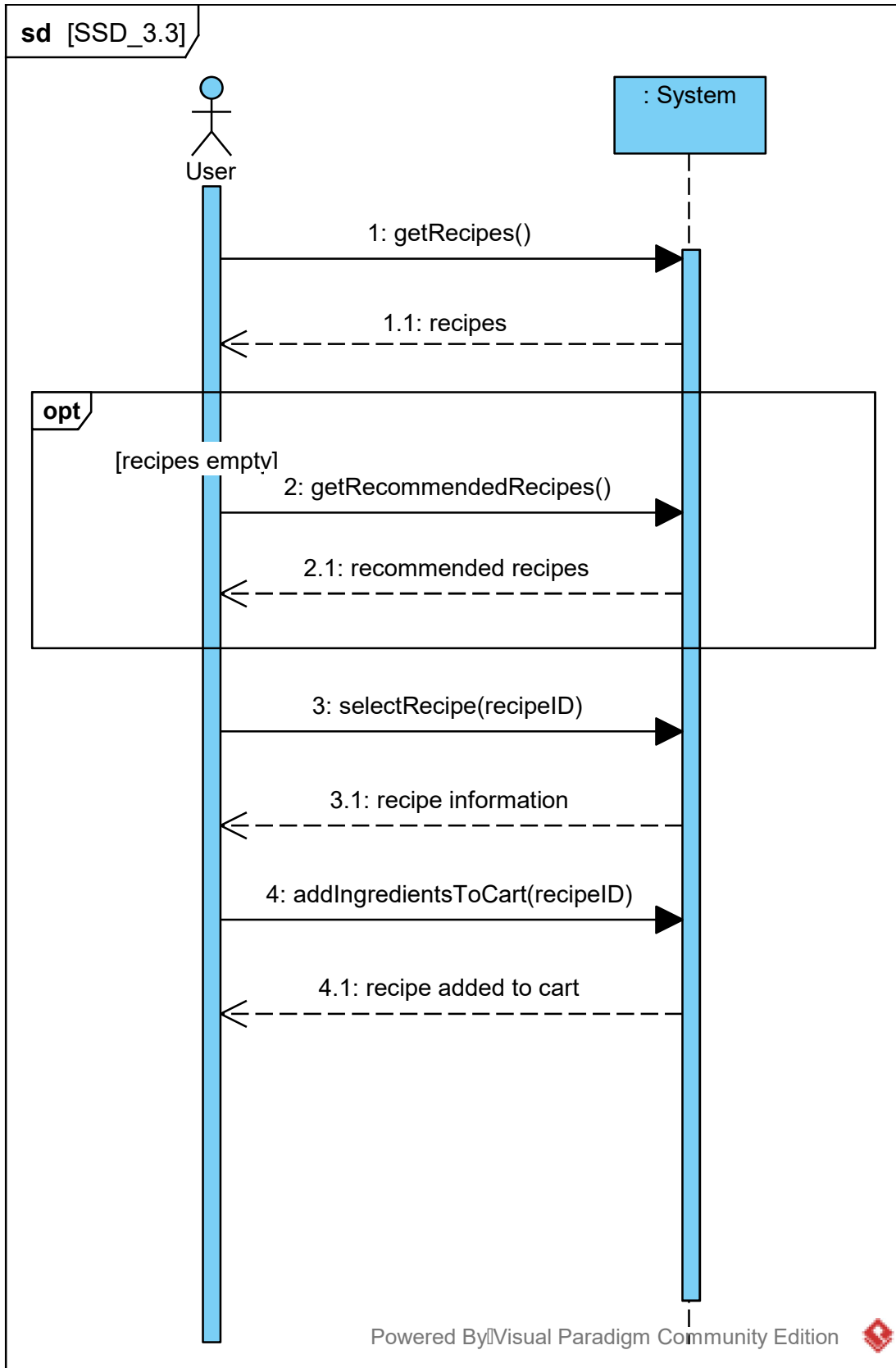
3: addFood(name, category, nutrition)

4: saveNew(food)

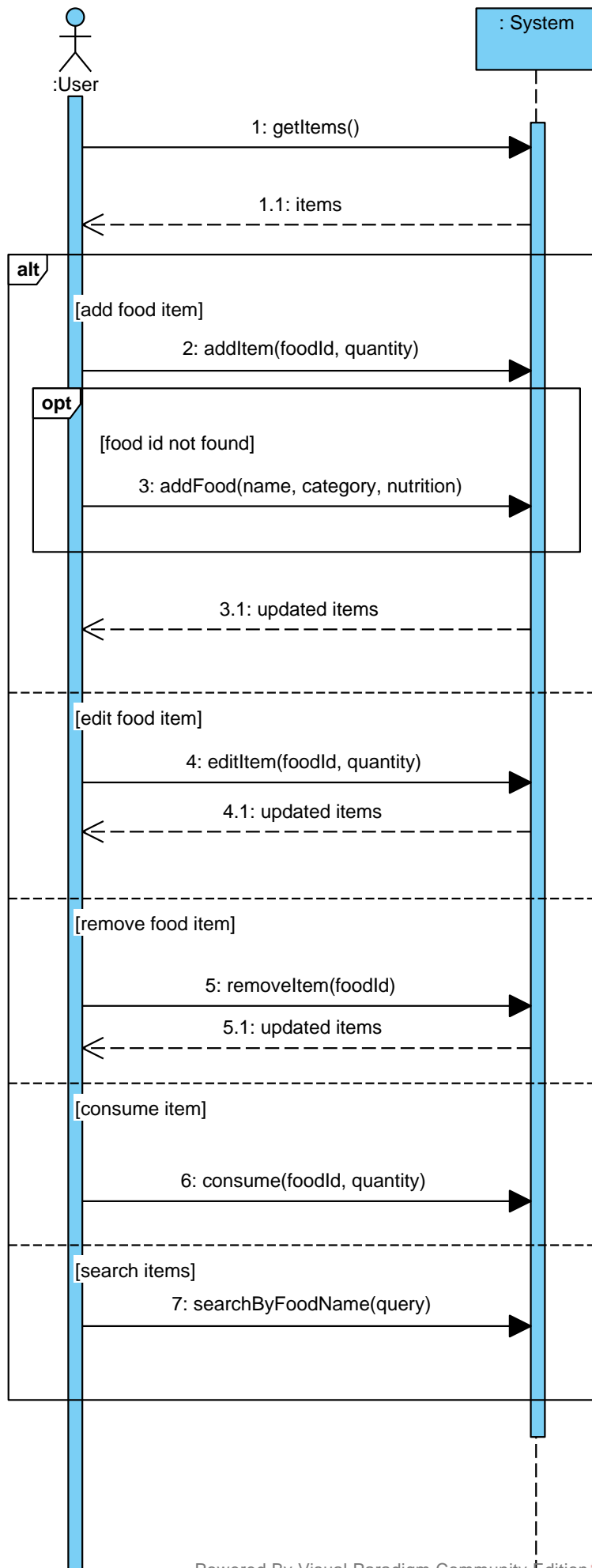
4.1: confirm save and return to food types



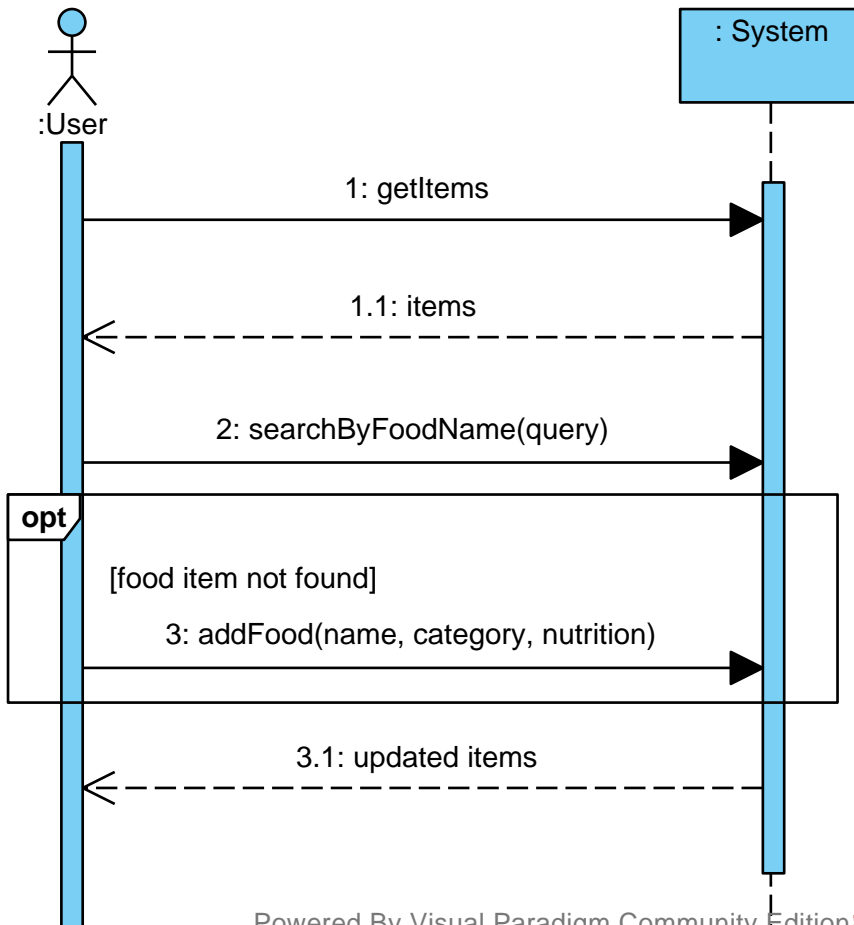




sd [UC 1.1]



sd [UC 1.2]



sd [UC 1.3]

:User

: System

1: getItems()

1.1: items

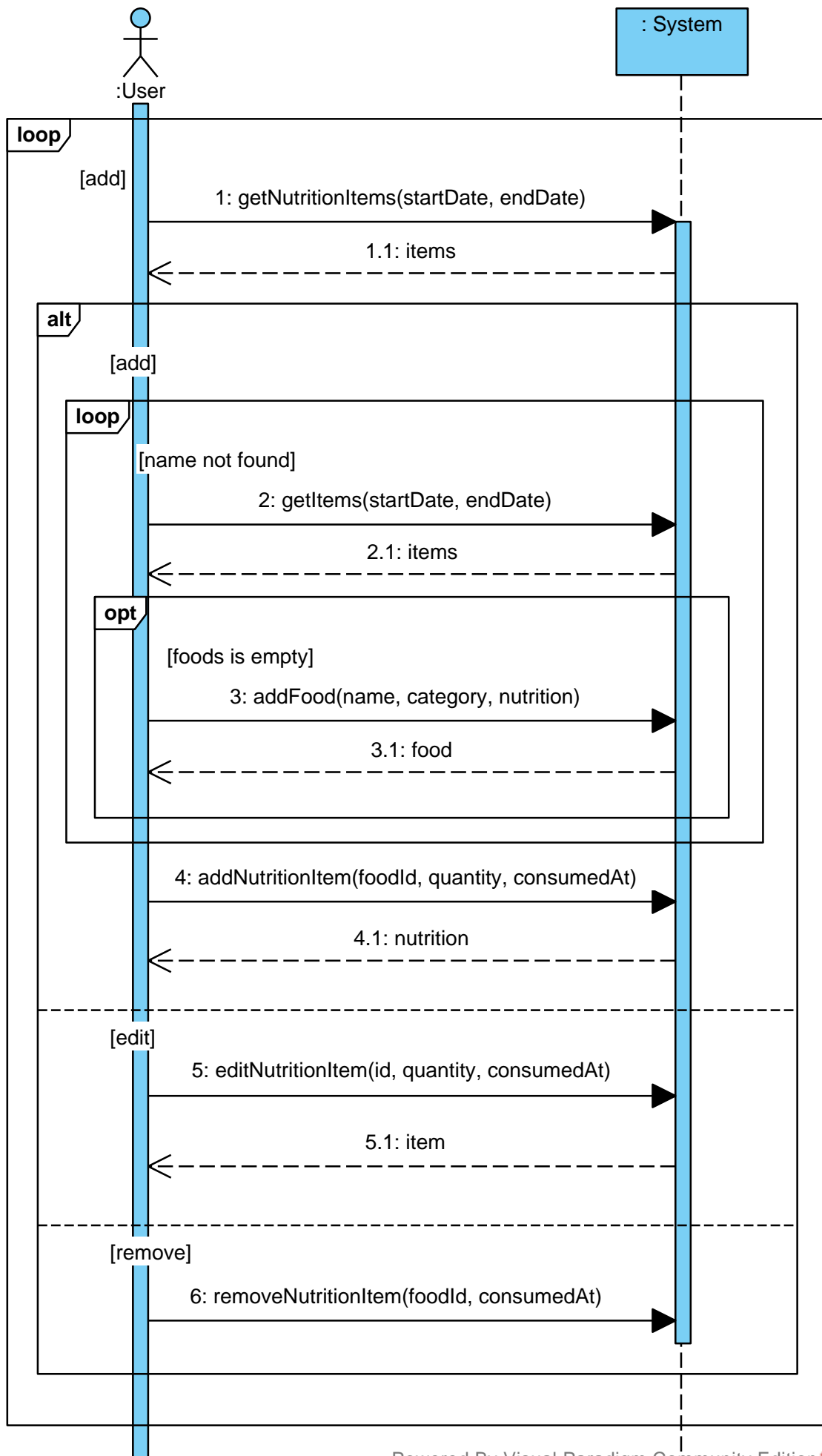
2: consume(foodId, quantity)

2.1: updated items

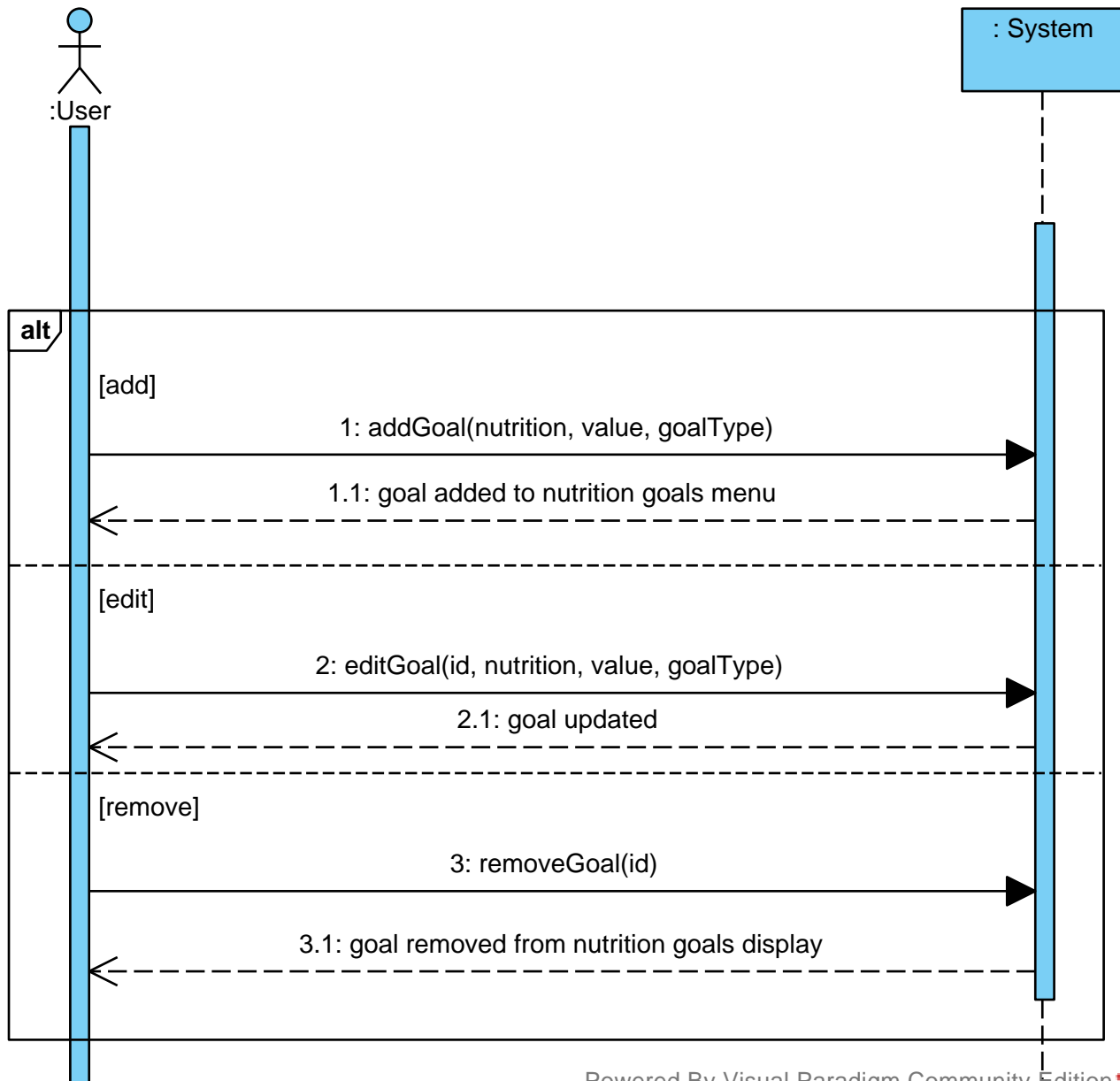
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sd [SSD 2.1 Manage Nutrition Log]



sd [SSD 2.2 Nutrition Goals]



sd [SSD 2.3 Manage Nutrition Report]

User

: System

1: getNutritionReports()

1.1: reports

loop

[Until the user is satisfied]

alt

[add]

2: addReport(startDate, endDate)

2.1: new report

[edit]

3: editReport(id, startDate, endDate)

3.1: values of report modified

[remove]

4: removeReport(id)

4.1: selected report removed