Use case description: Recipe App - Enter Ingredients	
Name	Enter ingredients
Description	User chooses ingredients, he already has.
Actors	User
Trigger	User wants Recipes to be generated.
Preconditions	None
Postconditions	All inputs are valid.
Incoming Information	None
Flow	**1. Launch app**
	User launches the app and sees its main screen.
	2. Navigate to ingredients selection
	User opens the ingredients-selection screen.
	3. Select ingredients
	User selects all ingredients from predefined options, which are necessary for the recipe. The selection will be confirmed after defining the number of units for each ingredient. Further necessary ingredients will be suggested by the backend-system, after recipes are generated.
	4. Confirm selections
	User confirms selection through selecting according GUI entry. Afterwards the actual backend algorithm starts. User gets notified to be patient and to wait for the backend to finish.
Contact persons	Michael Reile, Johannes Seidel, Emir Tola
Alternatives	None
Change log	**Person, Status, Comment**
09.11.2015	Emir Tola, draft, First draft created by whole team.

Use case description: Recipe App - Select Recipe	
Name	Select Recipe
Description	User selects suggested recipe
Actors	User
Trigger	User chose required ingredients.
Preconditions	Ingredient selection has enabled the generation of at least one recipe. None of these recipes interferes with the nutrition requirements.
Postconditions	None
Incoming Information	Backend did output valid solution (at least one recipe).
Flow	**1. Display suggested recipes.**
	Displayed interface lets user choose only one recipe.
	2. Change order after certain criteria (optional)
	User is able to sort according to certain criteria: ingredients, nutritional information, cuisine type, food groups
	3. Select one recipe
	User selects one recipe and gets redirected to the next graphical interface. All ingredients which are either available or not available, but still necessary for cooking, will be displayed.
Contact persons	Michael Reile, Johannes Seidel, Emir Tola
Alternatives	3a. Navigate back to ingredients selection.
	3b. Preview: User opens preview by selecting appropriate option in the GUI.
Change log	**Person, Status, Comment**
09.11.2015	Emir Tola, draft, First draft created by whole team.

Use case description: Recipe App - Save nutrition requirements	
Name	Save nutrition requirements.
Description	User defines likes, dislikes and allergies in preferences area.
Actors	User
Trigger	Define general requirements.
Preconditions	None
Postconditions	None
Incoming Information	None
Flow	**1. Launch app**
	User launches the app and sees its main screen.
	2. Navigate to preferences area
	User opens preferences interface for storing permanent data. This happens through selecting appropriate option in menu.
	3. Navigate to nutrition requirements area
	User opens the nutrition requirements interface to define the three options likes, dislikes and allergies. Those selections will later be considered during generating recipes: likes will be favored, dislikes will get prioritized less and allergies won't even be considered.
	4. Confirm change in preferences
	User saves changes through selecting appropriate menu entry and gets redirected to preferences' main screen.
Contact persons	Michael Reile, Johannes Seidel, Emir Tola
Alternatives	4a. Cancel changes in preferences.
Change log	**Person, Status, Comment**
09.11.2015	Emir Tola, draft, First draft created by whole team.