RestfulAPI		
Creates an account. Gets a profile data	DAO Dasina Pasammandar	
Gets a profile data.Authenticates a user.	RecipeRecommenderCaloriesWatcher	
Get all ingredients in the database.Search for recipes with a given list of ingredients.		
 Modifies the meal plan for a user. Modifies the user's consumed daily calories by eating a meal. 		
Adds favorite recipes to the user's profile.		
Removes favorite recipes from the user's profile.		

	Profile	
• (Encapsulates user's data such as his name, credentials, favorite recipes, daily calories, meal plan, and body information. Calculates the amount of calories the user should consume daily based on his body information. Modifies the meal plan by adding recipes to the user calendar.	ProfileBuilderBodyInfoUserCredentialsCalendar

ProfileBuilder	
 Builds the profile for a new user during the creation of his account. Sets initial attributes like the user's name, credentials, photo, and body information. 	• Profile

Recipe	
Represents all information about a recipe, including its name, ingredients, nutritions, photo, cuisines, and tags.	RecipeBuilderDAOCaloriesWatcherNutrition

RecipeBuilder	
Builds the contents of a recipe during its creation.	• Recipe
• Sets initial attributes like the recipe's name, ingredients, photo, nutrition, cuisines, and tags.	
Cancel the recipe's building if its creation is aborted by the user.	

DAO	
 Communicates with the database for the following purposes: Add a new profile Get a profile Get a recipe by its ingredients Get a recipe by its ID Get all ingredients Add a favorite recipe to a user's profile Delete a favorite recipe from a user's profile Get authentication credentials 	 Database Profile Ingredient RecipeRecommender RestfulAPI

Database	
 Maintaining a singleton representing the database. Sending queries to the database server and receiving its response. 	• DAO

	CaloriesWatcher	
• Ca	alculates the number of calories in a certain ingredient. alculates the number of calories in a certain recipe. odifies the user's consumed daily calories by eating a meal.	RestfulAPIRecipe

RecipeRecommender		
• DAO		
Ingredient		
DAONutritions		
Nutritions		
RecipeIngredient		
UserCredentials		
• Profile		

BodyInfo	
Encapsulates user's data such as his height, weight, and age.	• Profile
Calendar	
Encapsulates user's meal plan data such as his planned recipes for each day.	• Profile