My proposition is the Redis Database to achieve Key-Value NoSQL Database.

Given our program's requirement to be able to manage sessions for creating recipes and constantly updating the state of an accounts budget, ingredients, recipes, and planners. The Key-Value Approach would be beneficial.

Having all objects in the account be placed on a Map to achieve association.

Entity Relationship Diagram

GROUP 3 | November 7, 2023

Ingredient
IngredientID
IngredientName
IngredientPrice
IngredientType
RecipeID

Planner
PlannerID
+get Recipe

User
UserName
Password
UserID
Name
Budget

Recipe Book
RecipeBookID

Recipe
RecipeID
RecipeName
IngredientID
PlannerID

Reminder
ReminderID
ReminderName
ReminderTIme