

Data Layer

Repositories

IngredientRepository

+ fetchIngredientNames(): Future<List<String>>

UserRepository

- token: string
- currentUser: User

+ login(String email, String password): Future<void>
+ logout(): Future<void>
+ register(String email, String password, String username): Future<void>
+ updateUser(User user): Future<void>
+ deleteAccount(): Future<void>
+ resetPassword(String email): Future<void>

GroupRepository

- userRepository: UserRepository

+ GroupRepository(UserRepository userRepository): GroupRepository
+ fetchAllGroupsForUser(): Future<List<Group>>
+ joinGroup(String joiningLink): Future<void>
+ deleteGroup(String groupId): Future<void>
+ leaveGroup(String groupId): Future<void>
+ createGroup(String name): Future<void>

AdminRepository

- userRepository: UserRepository

+ AdminRepository(UserRepository userRepository): AdminRepository
+ makeAdmin(String userId, String groupId): Future<void>
+ removeAdminStatus(String userId, String groupId): Future<void>
+ kickUser(String userId, String groupId): Future<void>
+ banUser(String userId, String groupId): Future<void>
+ setCensored(String recipeId, bool value): Future<void>

RemoteRecipeRepository

- userRepository: UserRepository

+ RemoteRecipeRepository(UserRepository userRepository): RemoteRecipeRepository
+ fetchRecipeById(String recipeId): Future<Recipe>
+ fetchAllRecipesForUser(): Future<List<Recipe>>
+ fetchOwnRecipes(): Future<List<Recipe>>
+ createRecipe(Recipe recipe): Future<void>
+ deleteRecipe(String recipeId): Future<void>
+ updateRecipe(String recipeId, Recipe recipe): Future<void>
+ setFavourite(String recipeId, bool value): Future<void>
+ reportRecipe(Recipe recipe): Future<void>

LocalRecipeRepository

+ fetchRecipeById(String recipeId): Future<Recipe>
+ fetchAllRecipesForUser(): Future<List<Recipe>>
+ fetchOwnRecipes(): Future<List<Recipe>>