Applicaiton La

ProviderFactory

ProviderFactory.makeProviders(): void

Services GroupService UserService AdminService - userRepository: UserRepository - groupRepository: GroupRepository - adminRepository: AdminRepository IngredientService + <<constructor>> UserService(UserRepository userRepository): + <<constructor>> AdminService(AdminRepository + <<constructor>> GroupService(GroupRepository groupRepository): UserService ingredientRepository: IngredientRepository adminRepository): AdminService GroupService + login(String email, String password): Future<void> + makeAdmin(String userId, String groupId): + getAllGroupsForUser(): Future<List<Group>> + <<constructor>> IngredientService(IngredientRepository + logout(): Future<void> Future<void> + joinGroup(String joiningLink): Future<void> ingredientRepository): IngredientService + register(String email, String password, String userName): Future<void> + removeAdminStatus(String userId, String groupId): + createGroup(String title): Future<void> + deleteAccount(): Future<void> Future<void> + deleteGroup(String groupId): Future<void> + getAllIngredientNames(String searchText): Future<List<String>> + resetPassword(String email): Future<void> + kickUser(String userId, String groupId): Future<void> + leaveGroup(String groupId): Future<void> + setProfileImage(Image image): Future<void> + banUser(String userId, String groupId): Future<void> + getQRCode(String joiningLink): Future<QRCode> + removeProfileImage(): Future<void> + toggleCensoring(String recipeld, String groupId): + setGroupName(String groupId, String value): Future<void> + setUserName(String value): Future<void> Future<void>

RecipeService

+ <<constructor>> RecipeService(LocalRecipeRepository localRecipeRepository,

RemoteRecipeRepository remoteRecipeRepository): RecipeService

- localRecipeRepository: LocalRecipeRepository

- remoteRecipeRepository: RemoteRecipeRepository

+ getRecipeById(String recipeId): Future<Recipe>

+ getAllRecipesForUser(): Future<List<Recipe>>

+ getOwnRecipes(): Future<List<Recipe>>

+ deleteRecipe(id: string): Future<bool>

+ togglePrivate(id: string): Future<bool>

+ reportRecipe(id: string): Future<bool>

+ exportRecipe(id: string): Future<void>

+ createRecipe(data: Recipe): Future<bool>

+ toggleFavourite(id: string): Future<bool>