@Controller ProfileController

recipeService : RecipeService

userService : UserService

+ ProfileController(userService : UserService)
+ changePassword(String old, string new): void
+ deleteAccount(User user): void
+ createNewUser(String username, String password, String email) : String
+ login(String username, String password) : String

@Controller RecipieController

recipeService : RecipeService

+ RecipeController(recipeService : RecipeService)
+ searchByTitle() : List<Recipe>
+ searchByIngredient : List<Recipe>
+ result(): String
+ viewReicpe(int i) : String
+ homeSearch(): String
+ addToFavorites(Recipe recipe): void

UserServiceImplementation

repository : UserRepository

+ save(User user): void
+ findById(long id): User
+ changePassword(User user, String newPass): void
+ validate(long Id, String password): boolean
+ delete(User user): void
+ getFavorites(String title): List<Recipe>

<<Interface>>
@Service UserService

save(User user): void
findById(long id): User
changePassword(User user, String newPass): void
validate(long Id, String password): boolean
delete(User user): void
getFavorites(String title): List<Recipe>

RecipeService

mapper : RecipeMapper

- makeRecipes(String title, Image image, long Id): List<Recipe>
+ getDetails(Recipe recipie): Recipe
+ getResultsIngr(List<Ingredients>) : List<Recipe>
+ getResultsName(String name) : List<Recipe>

<<Interface>>
@Repo UserRepository

+ save(User user): void
+ findById(long id): User
+ changePass(User user, String newPass): void
+ validate(long Id, String password): boolean
+ delete(User user): void
+ getFavorites(String title): List<Recipe>

RecipeMapper

+ getResultsIngr(List<Ingredients>): List<Recipe>
+ getResultsName(String name) : List<Recipe>
- mapJsonToRecipe(String title, Image image, long Id): List<Recipe>
+ getDetails(Recipe recipie): Recipe

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@Entity User

- long: Id
- String: userName
- String: email
- String: password
- List<Recipe>: favorite

+ getters and setters ()

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@Entity Recipie

- long: Id
- String: title
- String: instructions
- double: rating
- Image: image
- String: readyInMin
- int: ingretiantsHit
- int: ingretiantsMiss
- List<Recipe>: favorite

+ getters and setters ()