

Food Recipes

Problem Description

Nowadays a lot of people use internet to find new food recipes or to remember forgotten ones. In general it's possible to use the web browser and desktop/laptop to find the proper recipe, but in most cases it would be better to have the app which allows to find and browse recipes.

Food Recipes is the application that allows to find the recipe by ingredients (just specify all that you have) and save it. App is powered by Food2Work service, which provides API for searching and thus requires the internet connection for work. However saved recipes are available even in the offline mode.

GENERAL USE CASE

1. User has something in the fridge (for example: Chicken, Lime, Mayo)
2. User input it in the search text edit
3. The app shows corresponding recipes which have this products in the ingredients
4. User cooks it and if it likes that it can save it in the favourite recipes, that leads to the recipe is saved into the local database
5. If user likes the recipe too much, he can share it with somebody
6. Sometimes Food2Work provides some strange recipe data (bad ingredients or non proper image), so the user can open the web browser from the app and see it in the original website.

Actually, I didn't like Food2Work much because of the quality of the returned data and the 500 request per day limit. But for the purposes of this app it works fine. Also, the data provided could be easily replaced in the future. Finally I decided to use Food2Work because I was not able to find any anything better among the free services.

NOTES

The landscape orientation is disabled for all screen, because if it's enabled, then it could lead to occasional screen rotating due to some movements of the user, which could be inconvenient if the user uses the app during the cooking. Also this app operation with "long" data, like long ingredient lists, so, it's much more convenient to deal with it in the portrait mode.