

Recommender systems are now part of our daily life more than ever. We use them through several platforms, like music or video players. As users of such systems, we don't need to actively seek for new content, but let it be comfortably recommended to us instead. One area not covered this way is domain of recipes. In order to cook a recipe, we have to search for some cookbook and find the recipe there, then go shopping for it and only then cook it. Usually there is not a perfect match between the recipe content and the content of our shopping basket, which makes the process even more unpleasant.

Main goal of this work is to introduce such platform into this domain. Firstly to research the application of recommender systems in recipe domain, suggestion of several methods and their verification. Then also to introduce these algorithms in real product in form of mobile application, which will accompany the user when shopping and choosing a recipe.