

The project goal is to develop a mobile application for logging user expenses, primarily expenses related to grocery shopping. The user should be able to see his monthly spending overview, and he should also be able to see detailed information about the products.

The process of logging items from the grocery store should be implemented by scanning the receipt from the store. The scanning should ensure a fast and time-saving solution for the user.

I plan to develop this mobile application with the use of React-Native, so, it will be available both for iOS and Android devices. The user's data will be stored both locally on his mobile device and in a database.

The mobile device will communicate with the web API, which will be coded in C# and hosted on Azure. The web API should ensure communication with the MySQL database also hosted on Azure, where I will save the user's data.

If I successfully deliver the previous functionality, I will try to add another feature where the user can get recommendations based on the products he buys. The recommendations should provide him with info about where he can get the products he regularly buys for a better price.

This recommendation functionality will be implemented on the web API. The web API will use information from other users saved in my DB and the information from food chain stores (Lidl, Tesco) that I will get by connecting to their APIs and querying for product offers and discounts.

My project should give its users the ability to see the information related to their spending and save their money by recommending better deals.