**Ideation Phase**

**Brainstorm & Idea Prioritization**

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID43105 |
| Project Name | Nutrition Assistant Application Using Cloud Application Development |
| Maximum Marks | 4 Marks |

**Brainstorm & Idea Prioritization:**

Healthy nutrition contributes to preventing non-communicable and diet-related diseases. Recommender systems, as an integral part of mHealth technologies, address this task by supporting users with healthy food recommendations. However, knowledge about the effects of the long-term provision of health-aware recommendations in real-life situations is limited. This study investigates the impact of a mobile, personalized recommender system named Nutrition assistant application.

Reference: <https://www.mural.co/templates/empathy-map-canvas>

Graphical user interface, application

Description automatically generated

**Step-2: Brainstorm, Idea Listing and Grouping**

Graphical user interface, treemap chart

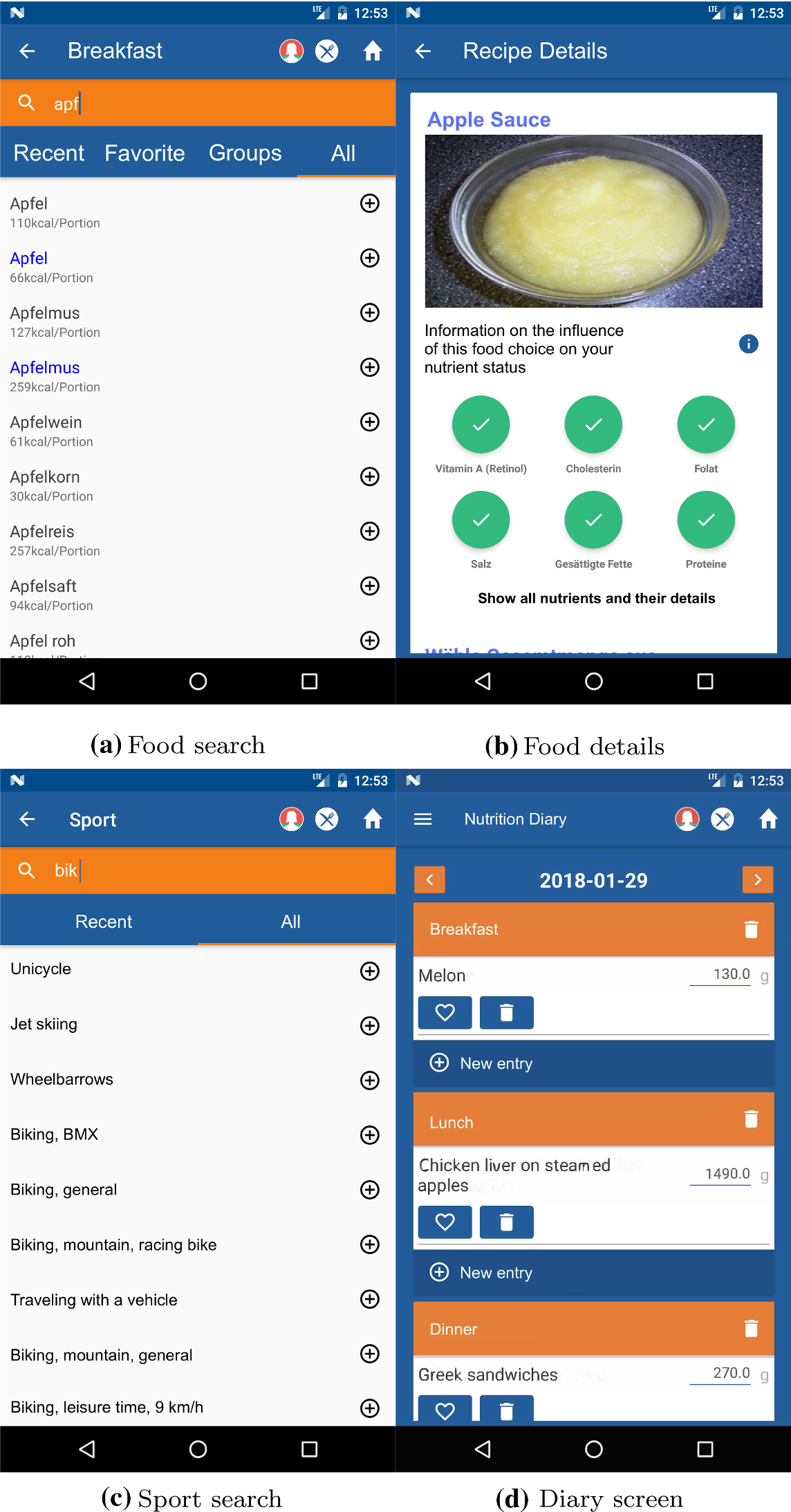
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**Step-3: Idea Prioritization**

Food recommender systems have been implemented and evaluated using many different algorithms and evaluation methods.

We examined our research questions using the nutrition assistance system *Nutrition assistant application*. This section will shortly describe all the features of the current system version used during our long-term study. First, we describe all features required for tracking the daily dietary intake of the participants, namely the food-search, food-details, sports-search, and diary. Second, we describe the recommendation features. Third, we describe all visual feedback screens, namely the statistics screen, nutrition status screen, home screen, and energy overview.

Finally, we show all the administrative features such as the preference screen, the profile screen, the login screen, and the settings screen.



**Diagram

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