S.NO	PAPER NAME	AUTHOR	DESCRIPTION
1	Effects and challenges of using a nutrition assistance system	Hanna Hauptmann, Nadja Leipold, Mira Madenach,, Monika Wintergerst, ,Martin Lurz, Georg Groh, Markus Böhm, Kurt Gedrich & Helmut Krcmar	This paper describes all the features of the current system version used during their long-term study. First, they 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.
2	MACHINE LEARNING BASED APPROACH ON FOOD RECOGNITION AND NUTRITION ESTIMATION.	ZHIDONGSHEN, ADNANSHEHZAD, SI CHEN, HUI SUN, JIN LIU.	This paper proposes a deep learning model consisting of a convolutional neural network that classifies food into specific categories in the training part of the prototype system. The main purpose of the proposed method is to improve the accuracy of the pre-training model. The paper designs a prototype system based on the client server model. The client sends an image detection request and processes it on the server side.

3	Deep Learning-based Food Image Recognition for Computer-aided Dietary Assessment	Chang Liu, Yu Cao, Yan Luo, Guanling Chen, Vinod Vokkarane, Yunsheng Ma.	The ultimate goal of our research is to develop computer-aided technical solutions to enhance and improve the accuracy of current measurements of dietary intake. Our proposed system in this paper aims to improve the accuracy of dietary assessment by analyzing the food images captured by mobile devices