Recommendation System for Canteen

This is the simple idea. This is the recommendation system where the different items of foods are suggested to different users on the basis of rating given. This system will help to give the best service to the costumer.

# Problem

The main aim of canteen is to satisfy its costumer by providing delicious food and best service. For this canteen needs to know their status of their current service they are providing to the customer and the customer response (i.e. how the customer feels about the canteen and if they like the food being provided by canteen.

# Knowledge

To solve this problem, the system must be provided the knowledge about the customer response on the service provided by canteen. For this there can be an option to rate the food each time after customer consumes the certain food. On the basis of response, system can know the likes and dislikes of food about certain customer. System can also have knowledge about the choice of food of certain customer. And on the basis of their past choice, system can recommend new food that the customer might like.

# Production Rules

The production rules for the system are –

* Response given by user is stored.
* On the basis of response given by user and food ordered by user, the possible items of food that the user might like are collected.
* These foods are suggested to user each time they order the food.

# Conclusion

Search is required to find the best possible choice of food that the users are more probable to like.