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|  | *Cost-Effective Food Monitoring System* |
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**Design Assumptions**

Assumption 1: The user will use a smartphone app to utilize the food monitoring system functionality.

Assumption 2: The user will provide food details, such as expiration data and nutritional information, when such information is not able to be retrieved from the Internet.

Assumption 3: The user will transfer NFC tags from item to item if they intend to reuse them on a new product.

Assumption 4: If the user uses sensors to monitor items, such as meat, he/she must ensure it is used correctly for valid and accurate data.

Assumption 5: The user will allow notifications for the smartphone app to alert the user when necessary.

Assumption 6: The app will require connectivity to the Internet periodically to look up product data, recipes, and other information.

Assumption 7: The system will be able to be used with any number of products, as long as there are enough tags for each product.