

IDEA FOR GE DIGITAL IIOT HACKATHON

SMART KITCHEN

We are planning to bring revolution or a step forward towards reducing the everyday efforts and difficulties caused to a common man while working in kitchen. Our idea focus is on making kitchen smart and efficient. All of us face difficulties while working in kitchen one of the major difficulties is finding the can or box that contains the stuff we need. For example sometimes or maybe many times we have to check many boxes to search for a specific item like sugar or maybe salt or maybe any of the spices or be the food that you kept in store last week. So what if we say that you just have to press a button for the stuff you need, just press the button and find your product. It would be as simple as switching channels on your TV sets. We are planning to design box or cans which have sensor in built them for recognizing the stuff you need. It's the same as switching channels just the press the button on your remote specifying the product name you want to search for and the particular can or box glows up from the outside which is easy to locate from a distance and can help differentiating your box from others. Not only this our boxes or cans keeps count of your product how much is left and on which product you are running low on. It gives you the list of all the products that are you are running low on or have finished on your phone every morning no need to memorize every stuff and make a list every day. Our product automatically sends the list and also warns you about the expiry of product if so on your phone. What makes it special and what can be the future advancements on this idea-

1. Keep tracks of all your food items and if you are not satisfied with the quality and quantity of the product you can give feedback on your phone or website. If no. of complains on a product rises the manufacturing company can be informed to check its product.
2. By feedback keep track of all the leading items in your budget category which product is preferred by the people the most and which product needs to be avoided.
3. People can keep track of the new product launched by the company which might be better than the one they are using currently. They can reject our support the choices provided.
4. People can write complains on a product or support and appreciate a product or can provide suggestions about the quality or how they want their product to be which directly be sent to the manufacturer.(Rate the product)
5. The shopping list will be updated every day in your phone and will also remind you about the things that are in store you don't need to buy. People can set alarm of the day they are going on shopping to get the list on that particular day if they want to avoid unnecessary everyday notifications.
6. Why only kitchen items, we can extend this idea to where people can rate every product present in their house and our website or app can be the global platform for choosing products according to quality and price.
7. Our platform will also warn you about the rise and fall in prices of the products (also the future change in prices) according to which you can plan and adjust your budget and shopping list.
8. Not only smart boxes or cans our smart kitchen can include auto filling of your overhead tanks of water, the time for which water came with auto shut off technique and water level indicator.
9. In future do we really need Siri???????

-Team Blue_Wh@le