

The current fridge interface contains many flaws that could be improved and expanded.

*For example you can't see everything in your fridge at a glance. You thought you'd bought hot sauce, but you don't see it anywhere.*

*Or imagine it's dark, it's the middle of the night, you turn to your fridge and when staring into the light you can't remember when you bought something. When exactly did you put those leftover fish-sticks in there? How old is that Bircher-muesli? What's up with that asparagus?*

*The day after you can't remember if you are out of something or not, or if you are running low. Or perhaps you do remember, but your roommate was inconsiderate and used all your milk for her cereal - and didn't tell you.*

*Just imagine your roommate drinks all your beer without replacing it. You want to keep it out of her reach but the "don't drink me" note is not working.*

The Smart Frridge offers a solution.

What is this Smart Frridge? Nothing more than a brand new version of the familiar kitchen apparatus?

This fridge comes with an in-built computer that can be connected to the internet. It is one of a growing category known as "internet appliances" that include not only handhelds and smart phones, but also web-enabled versions of typical household appliances. Seeing we have so many things going on in the kitchen we thought "let's put access to the internet there". And more importantly, the fridge is really the only thing in the house that is on 24 hours a day!

The coming fridge keeps an eye on what foods are put inside. You no longer have to open it to see what is in there to know what is in there. By using RFID technology, an inbuilt digicam and image processing, this fridge is aware of what products are put inside. How long has this been there? Is it dated? Should I trash this? will be answered as well as informing you what you are low on.

Keep in contact also from distance. Just imagine you're in your office and you decide to invite all your friends over for dinner that night. All you have to do is to pick up your mobile phone and call your fridge. It will be able to give you a heads-up on what foods you have stored inside, suggest you a menu that uses some of those foods, and once you have selected the menu it will generate a

shopping list for items you need to pick up, or even just order the missing ingredients online for you. Once home it will feed you with vocal instructions, spoon by spoon, till you dish out the perfect wholesome meal.

Of course you could also use the fridge to watch television or listen to music, to take a photograph, save it to an album, or post it to a website, or, (if you prefer) send it to and email recipient.

And seeing this fridge comes with a docking station you can just dock in your iPod or iPhone and start using all your favourite cooking apps.

You guiltily pick up a chocolate bar and are about to close the fridge door when your iPad beeps. “Hey buddy, you’ve already had too many calories today - put that back!” Blushing, you return the chocolate bar and pick up some sunflower seeds. You glance back at your iPad that now displays a large green “check“ mark on its screen.

You will never be alone again, and it’s no longer just you and your fridge: The Smart Frrridge will communicate with your smart phone and together they’ll keep a constant eye on you.

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