Title of the Project:
Expiry Notifier Service App

Team Member:
Ashish Saha

Individual Photos of Team Member:

Ashish Saha
FOOD Wastage Concern (NEWS)
Notably, some bacterial toxins found in expired food can be life-threatening. Dr. Morrison also told INSIDER that eating contaminated food also poses the risk of exposure to bacterial toxins, which damage the kidneys, possibly leading to a life-threatening situation.

"If you eat food past the expiration date that isn't spoiled, you could develop symptoms of food poisoning," said registered dietitian nutritionist Summer Yule, MS. The symptoms of foodborne illness can include fever, chills, stomach cramps, diarrhea, nausea, and vomiting.

"If you eat expired food, it may contain dangerous amounts of harmful bacteria such as E. coli and Bacteroides," added Dr. Clare Morrison of MedExpress. She said this can result in abdominal pain, vomiting, diarrhea, and perhaps even a fever.

Problem Statement:

- Often it happens we bought an eatable product by looking at the expiry date and maybe that day we know that it is going to expiry in next two months.
- But after three months we realize that it has got expired and we have had to throw it to the dustbin and it becomes more vulnerable if we have consumed it.

Causes and Effects:

- Food poisoning
- Exposure to dangerous bacteria
- Perfectly good food gets wasted
- Waste of Food Items/money
- Loss of nutritional value

Solution:

- A Service or an App that Notifies the user about the expiry of a product a month or week before with efficient data feeding.

How to Use:

- Install the App Get yourself Registered
- Add Items with their Expiry Dates very Easily
- You’ll be notified 1 month/week before the Expiry of it
- You can maybe can consume it or Donate the Food before it gets wasted
Process Focus:
- App Performing the Reminder Task over Internet
- Optimized Data Feeding Technique
- Enabling through Text Message

Stages of Development:
- Making the App UI/UX, Enabling Internet, Integration with Firebase and DB, Work Manager & Notification System
- Real Testing with a sets of people and iteration
- Integration with Supermarkets and Local Markets for Efficient Data Feeding

Outcome:
- Good Food won’t get wasted now
- No More Consumption of Expired Food

Novelty:
- Reminder Data Over Internet
- Connecting it with Supermarkets
- This feature will be provided by E-commerce websites with the product as Text Message
- Integration of it with Text Messages directly connected by Supermarkets.
Photo of Prototype: