

PROBLEM STATEMENT 03:



Customized AI Kitchen for India

Category: Artificial Intelligence

Participants: 1st-4th Semester Students

Description:

We are in the world of AI (Artificial Intelligence) now, and the idea here is to develop an AI Kitchen Model for customized dishes. It's one of the challenges that we face every day to prepare dishes on time at home. There could be AI based Vending Machines, Coffee and Bread making Products in the market now. But, this will not cover all the dishes that users may prefer. Another bigger issue is to get cooking utensils, which must be ready/cleaned. We have equipment like Washing Machines. But, it requires manual intervention to put utensils for washing or remove the same after washing. The idea here is to address this issue as well. Pick the right utensil based on the quantity of food. The idea is to integrate the 2 requirements of AI enabled Kitchen and Utensil Washing, and connecting them with each other.

Deliverables:

1. Come up with an AI model with Training to cook users' choice of dishes, including ingredient and quantity selection.
 2. Programming option to detect right utensils and to raise request to get the utensils from Washing Machine automatically.
 3. Indication of raw materials required, and notify if they are not present.
 4. Give a Non Microwave Oven option, and come up with requirements to integrate that with the AI Kitchen model.
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