HACKATHON

DSSG-NYC & GIVE Inc.

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**Deliverables are clear:**

1. Nourish AI: assistant to communicate with single authorized user from household [FamilyID]: **Purpose**: smart assistant to collect preferences, feedback to iterate on the meal plan process.
   1. **input:**
      1. Medical Data
      2. Nutrition necessities
      3. Dietary restrictions
      4. language of communication
      5. health status - diseases
      6. SNAP status (food program)
   2. **Output:** 
      1. Optimized **weekly meal plan** for the household: culturally relevant, medically tailored meal plans.
      2. **Create Grocery** list from the meal plans recommended (precise measures of each ingredients for the cook)
      3. For pickup or delivered
      4. Time window of availability
      5. health tips
      6. optimized nutrition guidance and recipes
   3. **Bonus**: Quality Assurance for the meal plans

* Email the iterative Output to PCP or nutritionist before approving the meal plan and logistics operations.

1. **Pilot Bot: Logistics and operations**
   1. Input: OUTPUT of NourishAI Chatbot
   2. Output:
      1. Optimized delivery schedule based on time availability
      2. Grocery list report: group similar ingredients together for shopper
      3. Create communication pipeline (email, text) with the relevant information of time, location, and grocery list to the
         1. Courier
         2. Shopper
   3. Bonus: optimizing the delivery routes and time

**Hint**: use Orchestration of MCP server for task management of the two agents