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Project Name: Recipe Generator

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Focus on Lord's component of the project: UI and Frontend work

Information Domain Value	Count	Weighting factor			
		simple	average	complex	
External Inputs (EIs)	4	3 3	4	6	= 16
External Outputs (EOs)	0	3 4	5	7	= 0
External Inquiries (EQs)	0	3 3	4	6	= 0
Internal Logical Files (ILFs)	5	3 7	10	15	= 50
External Interface Files (EIFs)	0	3 5	7	10	= 0
Count total					66

- Internal Logical File (ILF): User-identifiable group of related data maintained within the application
  - Client data
    - Diet data: Specific dietary preferences or restrictions that clients might have clients.
    - Allergens data: List of allergens that clients might have
    - Nutrient data: Information related to client nutrient needs
    - Recipes created by the client: User-generated recipes that are stored within the system along with the other Recipes
    - Personal preferences, sensitive information like birthdate, allergens, etc.

- External Interface File (EIF): User-identifiable group of related data referenced by the application but maintained within another application
  - Zero because even though some of the data is referenced through an external source, all the data referenced will eventually be stored and therefore, internal.

- External Input (EI): Unique elementary process that processes data coming from outside the application boundary
  - Input user data when they first create their profile and select optional tags like allergens, dietary restrictions, etc., process and store it within the system
  - A user modifying their profile to change it to their current needs or identity.
  - A user submits a new recipe into the database, filling in the necessary information like calories, allergens, ingredients, etc.

- ○ A user updates an existing recipe object in the database, changing the information to their liking

- ● External Output (EO): Unique elementary process that sends data outside the application boundary
  - ○ Zero because we don't have any planned sharing mechanism outside the application boundary

- ● External Inquiry (EQ): Unique elementary process that sends data outside the application boundary. Calculations, derivation of data, or maintenance do not take place.
  - ○ ***Internal Inquiry (IQ)***
    - ■ Recipes:
      - ● Queries the system to display recipes with or without specific ingredients, nutrients, or allergens
    - ■ Clients:
      - ● Queries for clients with specific dietary needs, allergens, or nutrient requirements
  - ○ Otherwise, **zero EQ**

What's the line between external output and external inquiry?
- ● There is no line since we have zero EQ and EO. The data being sent or inquired are all internal.
- ●