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Project Name: Recipe Generator

Information Domain Value	Count	Weighting factor				
		simple	average	complex		
External Inputs (EIs)	5	3	3	4	6	30
External Outputs (EOs)	0	3	4	5	7	0
External Inquiries (EQs)	0	3	3	4	6	0
Internal Logical Files (ILFs)	11	3	7	10	15	110
External Interface Files (EIFs)	0	3	5	7	10	0
Count total						140

- 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.
 - 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.
 - Recipe data: data related to recipes
 - Public recipes containing
 - Calorie info
 - Macronutrient info
 - Ingredients
 - Dietary restrictions that a recipe is friendly with
 - Allergens that a recipe has
 - Nutrients that a recipe has
- 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

- Processes and parses recipes from a recipe API, and then uses that to fill a recipe object and store it within the database
 - 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.

Repeat the exercise in Task 2, but this time a separate analysis for each component of the software that each person is developing. Each student should upload one file to git. Please include your (each student's) name as part of the name file.