Project: Edibly
Group 5
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Internal Logical Files(ILFs):

- User-identifiable group of related data maintained within the application

Database tables:

- Users(low complexity)
- Meals(med complexity)
- Reviews(med complexity)
- DiningLocations(med complexity)
- Allergies(low complexity)
- Preferences(low complexity)

External Interface Files(EIFs):

- User-identifiable group of related data referenced by the application but maintained within another application

Our examples:

- Authentication handled by Auth0, we reference some data in our database(low complexity)
- Scrape meal data from dining hall websites(low complexity)

External Inputs(EIs):

- Unique elementary process that processes data coming from outside the application boundary.

Our examples:

- Creating, updating and deleting users(low/low/low complexity)
- Adding, updating, deleting preferences(low/low/low complexity)
- Adding, updating, deleting allergies(low/low/low complexity)
- Adding/deleting favorites(low/low complexity)
- Creating, updating and deleting reviews(med/med/low complexity)

External Outputs(EOs):

- Unique elementary process that sends data outside the application boundary. Calculations, derivation of data, or maintenance also takes place

Our examples:

- Generating list of meals based on user allergies, preferences, favorites and daily rotation(high complexity)
- Display average rating of dining hall(low complexity)

External Inquiries(EQs):

- Unique elementary process that sends data outside the application boundary. Calculations, derivation of data, or maintenance do not take place

Our examples:

- List of all dining halls(low complexity)
- List of favorites(med complexity)

Function Points:

ILF: (3*7) + (3 * 10) = 51
EIF: 2*5 = 10
EI: (12*3) + (2*4) = 44
EO: (1*7) + (1*3) = 10
EQ: (1*3) + (1*4) = 7
Total = 51 + 10 + 44 + 10 + 7 =122