Software Metrics

Group 6
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Project: UMass Meal Planner

Function Points:

External Input (EI):
- Username and password from database
- Dietary restrictions from database
- Menu information from web scrapping
- Location

External Output (EO):
- Output meal following restrictions
- Schedule for meals

Function Points:

External Inquiry (EQ):
- Account data
- Food nutrients
- Dining hall information

Internal Logical Files (ILFs):
- Food data
- Dining hall data
- Planner (user) data
- Meal data
- Account data

External Interface Files (EIFs):
- Database

Information Domain Value	Count		Weighting factor			
			simple	average	complex	
External Inputs (EIs)	4	3	3	(4)	6	= 16
External Outputs (EOs)	2	3	4	(5)	7	= 10
External Inquiries (EQs)	3	3	(3)	4	6	= 9
Internal Logical Files (ILFs)	5	(3)	7	10	15	= 15
External Interface Files (EIFs)	1	3	(5)	7	10	= 5

Count total ⟶ 55