

# Software Metrics Individual

Group 6

Members: Eduardo, Arvind, and Fuming

Manager: Srihari

Project: UMass Meal Planner

# Eduardo

- I'm going to work mostly with database and some Django functions.

# Function Points:

## External Input (EI):

- Adding menus from umass database to database(web scraping)
- Adding food (nutrients) from umass database to database(web scraping)
- Adding food restrictions from user to database (user input)
- Adding an account to database
- Deleting account to database
- Modifying account in the database

## External Output (EO):

- Output meal following the restrictions (sending it to front end for showcasing)
- Schedule for meals

# Function Points:

External Inquiry (EQ):

- Dietary restrictions (receiving and generating tables)

Internal Logical Files (ILFs) (Since I am working mostly with database all of those):

- Food data
- Dining hall data
- Planner (user) data
- Meal data
- Account data

External Interface Files (EIFs):

- React files

Information Domain Value	Count	Weighting factor					
		simple	average	complex			
External Inputs (EIs)	6	3	3	4	6	=	18
External Outputs (EOs)	2	3	3	5	7	=	6
External Inquiries (EQs)	1	3	3	4	6	=	3
Internal Logical Files (ILFs)	5	3	7	10	15	=	15
External Interface Files (EIFs)	1	3	5	7	10	=	3
Count total							45