Marcelo Medrado

SI 507 - Final Project

Objective: Analyze the data from restaurants in Michigan and organize the data into a tree that will help the user to decide which restaurant to go.

Data source: Yelp Fusion API

Processing: The program will collect, cache, and store information about the main restaurants in Michigan. Then, it will create a tree that will organize the restaurants in Michigan in several categories. Finally, the program will provide a list of recommendations according to inputs of the user such as type of cuisine, price, etc.

Interaction: The idea is that the program asks questions about the expectations of the user (what type of food the user wants to eat, what's the user's budget, etc.) Then, it will use the tree to filter the answers and provide a recommendation of restaurants.

Presentation: Powerpoint presentation showing how the program will work.