Team 9 - Roshun Patel, Rene Romo, Matthew Heston
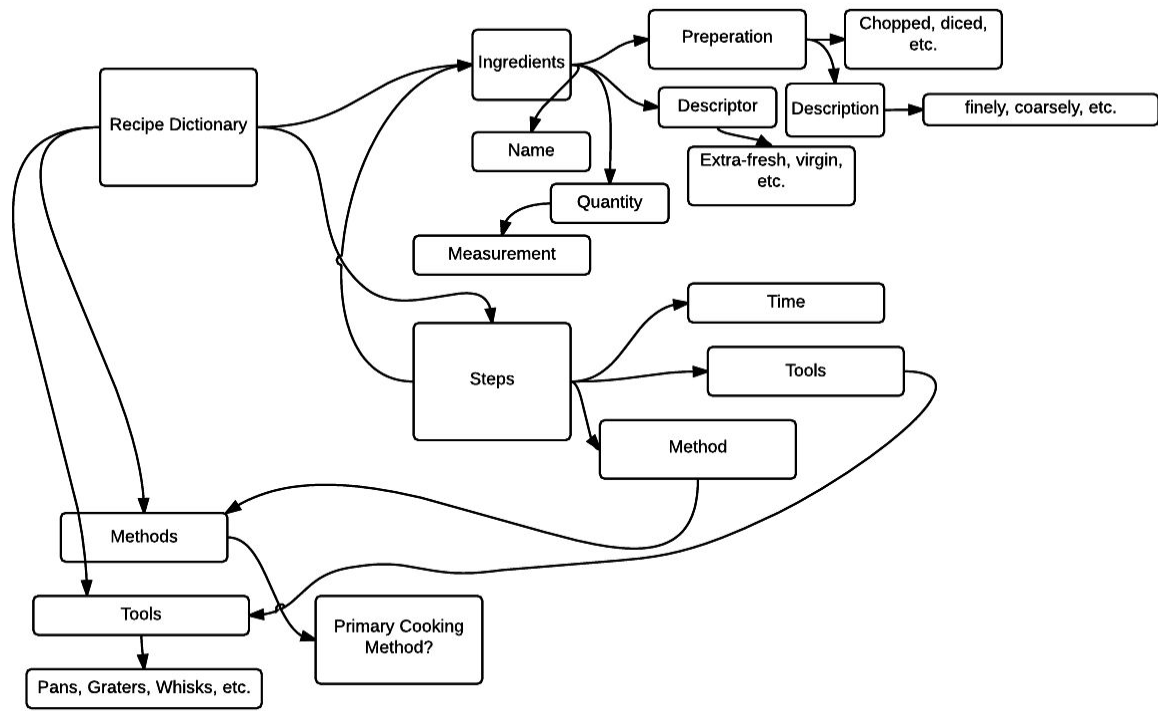

Diagram 2: Recipe Information
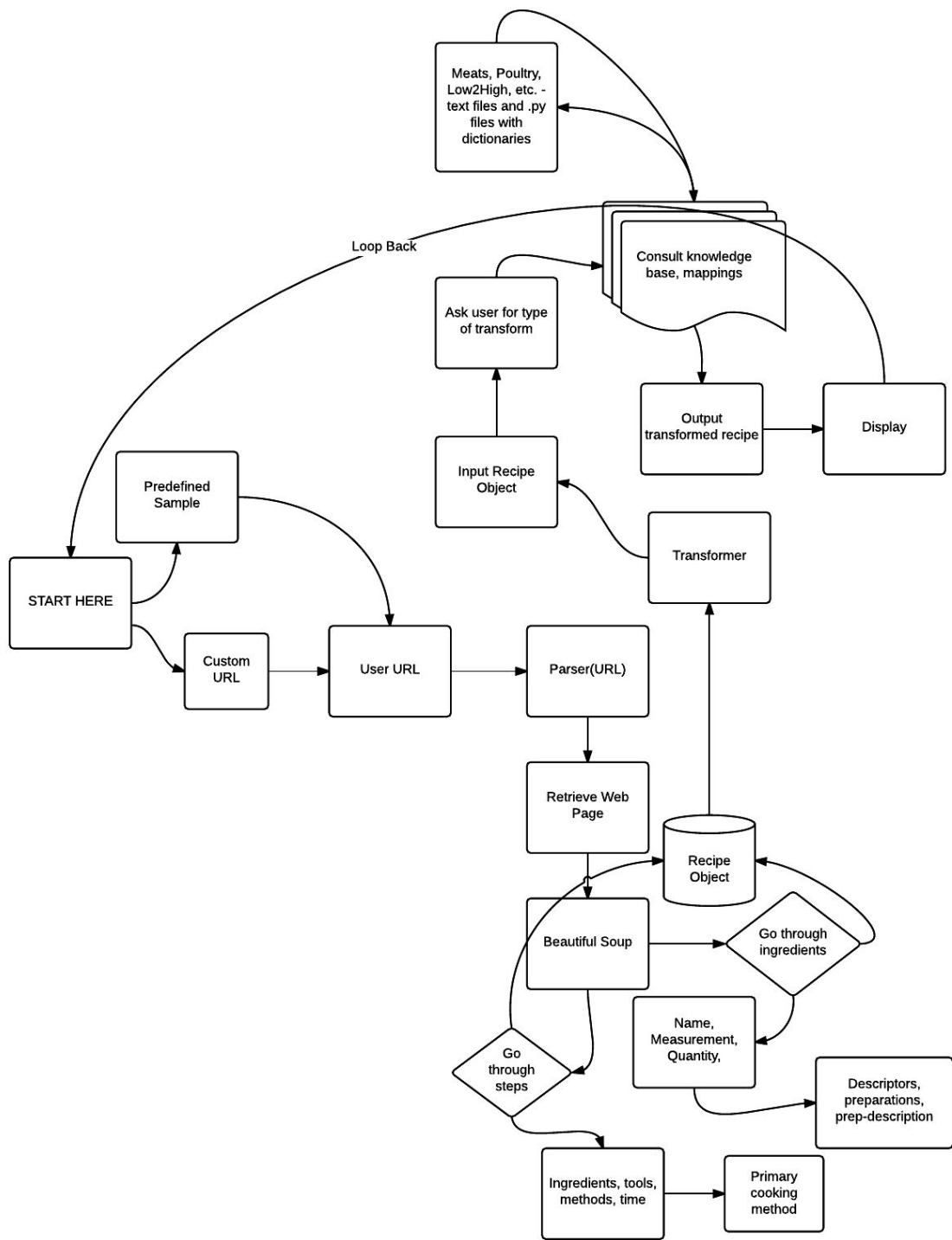
Meats, Poultry, Low2High, etc. - text files and .py files with dictionaries

Loop Back

Consult knowledge base, mappings

Ask user for type of transform

Output transformed recipe

Display

Input Recipe Object

Predefined Sample

Transformer

START HERE

Custom URL

User URL

Parser(URL)

Retrieve Web Page

Recipe Object

Beautiful Soup

Go through ingredients

Go through steps

Name, Measurement, Quantity,

Descriptors, preparations, prep-description

Ingredients, tools, methods, time

Primary cooking method

Diagram 1: Architecture

Vegetabls.txt
Fruits.txt
dairy_nocheese.txt
cheese.txt
etc.

General Type

Ingredients

Methods

Primary

Standard

Poultry.txt

Meats.txt

Substitutions

Fat Substitutions
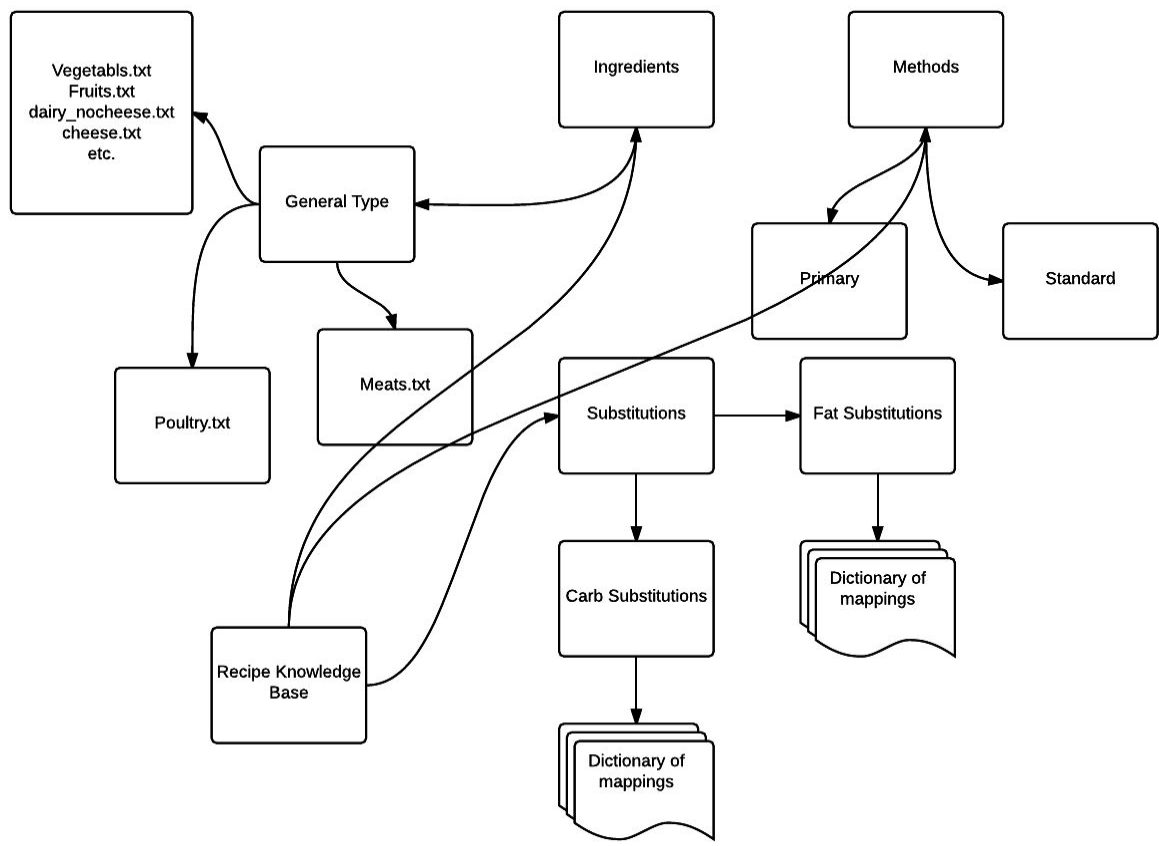
Recipe Knowledge Base

Carb Substitutions

Dictionary of mappings

Dictionary of mappings

DIagram 3: Knowledge Base