

Cache (Node cache):

key: the fully formed get request to the Zomato API

value: the fields Zomato returns, like an array of restaurants with names, phone numbers, ratings and address for each restaurant.

When a client makes a search request with specific parameters/filters, the system will do a lookup in cache, and if the parameters matches any key in cache, it will return the value without doing an actual API call. If the a matching key is not found, an API call will be made and the search result will be put into the cache as a value to the paired key.

Database (MongoDB / Firebase )

Used to store permanent data. (key, value) pair for system preference fields.

{“username”: the value is the first and last name of the user}

{“password”: the value would be the actual password for the user account}

{“food preference”: the value would be different cuisines and/or dietary restrictions}

{“location”: the value would be frequently used locations like home and work address}