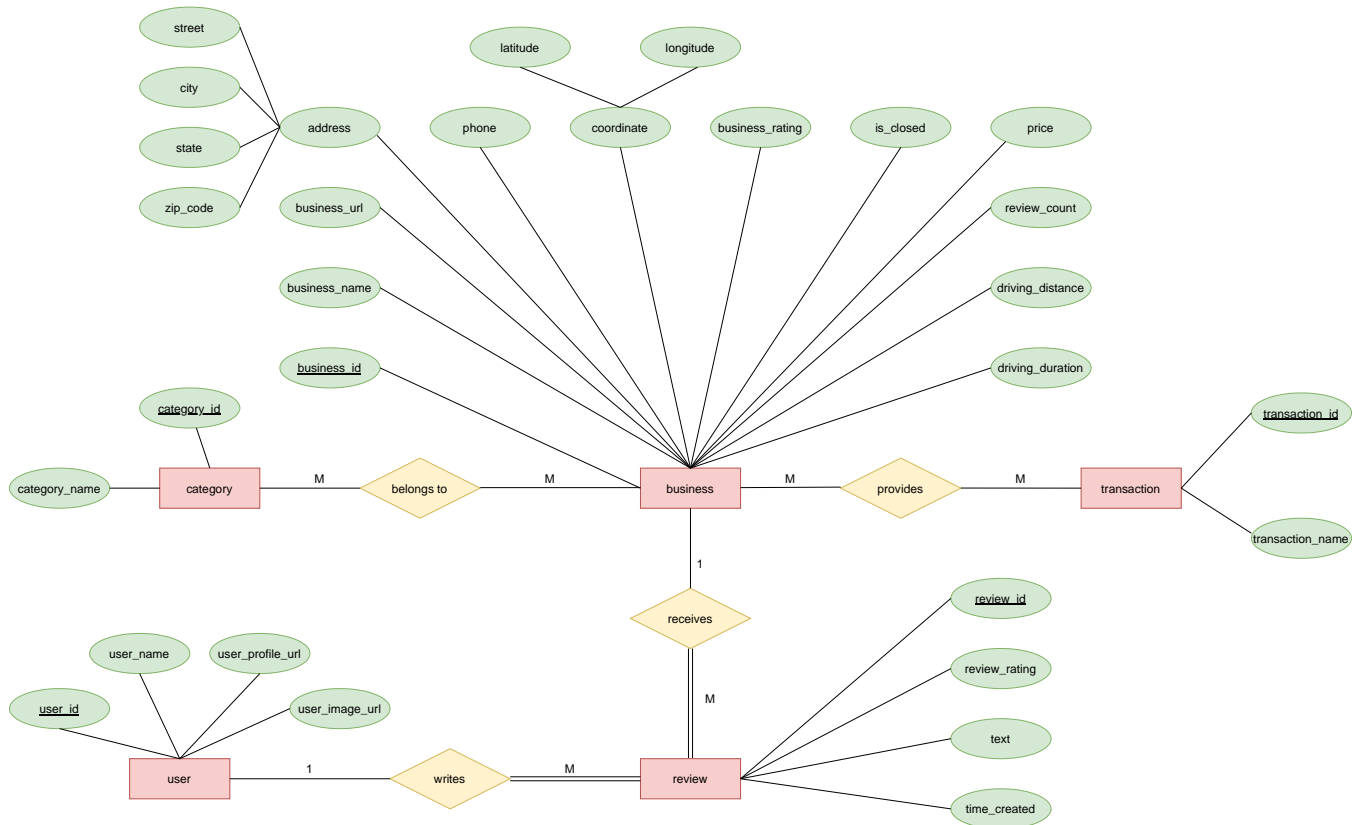


RESTAURANT BUSINESSES AROUND GEORGE MASON UNIVERSITY IN FAIRFAX, VIRGINIA?

ER-Diagram



Relational Schema

businesses (business_id: string, business_name: string, business_url: string, street: string, city: string, state: string, zip_code: string, phone: string, latitude: number, longitude: number, business_rating: number, is_closed: boolean, price: number, review_count: number, driving_distance: number, driving_duration: number)

transactions (transaction_id: string, transaction_name: string)

categories (category_id: string, category_name: string)

reviews (review_id: string, review_rating: number, text: string, time_created: date, business_id: references business, user_id: references user)

users (user_id: string, user_name: string, user_profile_url: string, user_image_url: string)

transaction_business (business_id: references business, transaction_id: references transaction)

category_business (business_id: references business, category_id: references category)

Explanation for the relational tables:

- Name of a table is the bold word at the beginning of each table.
- The primary key is represented as the underlined word.
- The foreign key is represented with the syntax "references ENTITY".