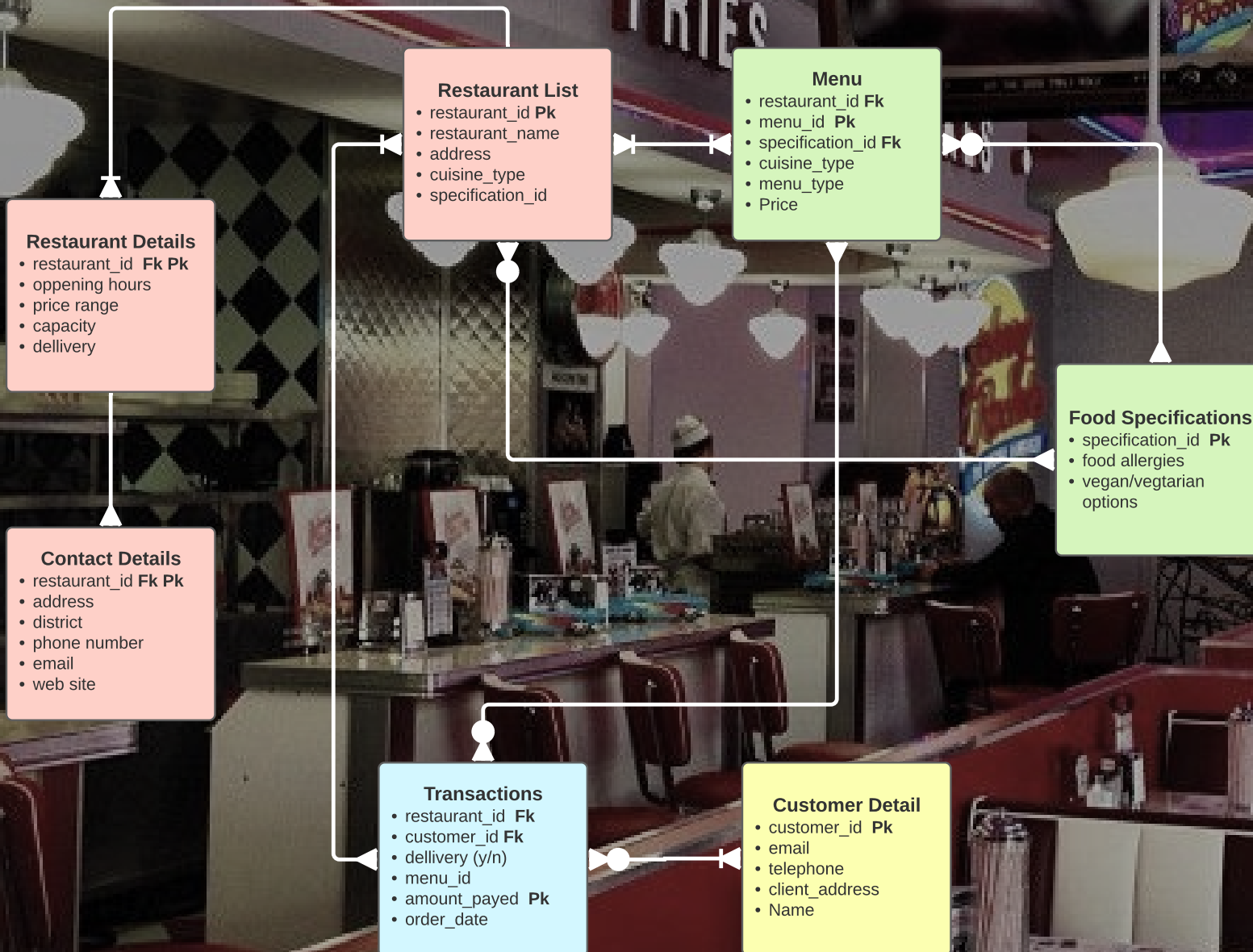


## Restaurant Database Concept Challenge



### Process and Highlights

- Defined basic ideas to tidy up a primary structure.
- Defined specifications\_id into main Restaurant\_List (easy filter restaurants with food specifications)
- In Food Specifications changed Primary Key from menu\_id to specifications\_id to simplify.
- Transaction table advantages: track performance to develop targeting customer campaigns depending.

### Requirements

- Which parts of the city have the most restaurants per sq km?
  - Filtering by district including restaurant\_id we can detect the more cluttered areas.
- Where can a vegan burger restaurant be found, with an opening time filter...  
*eg. customer wants to visit on thursday at 6pm?*
  - Using information of tables 'restaurant details', 'food specifications' and 'restaurant list'
- How many specified cuisine (eg Vietnamese) restaurants are there in the city?
  - Filtering information by cuisine\_type in the Restaurant List.
- U: which restaurants are the best for big groups/parties?
  - You just need to filter by capacity in the Restaurant Detail table.