**Food delivery Aggregate App**

Design the data model and build application for a food delivery aggregate application.

1. Admin should able to add new restaurant to the system.
2. Each restaurant will have its own menu.
3. Restaurant owner should able to add menu items to his restaurant.
4. User can search for the restaurant based on the location.
5. User should filter the items based on his food preferences/dish.
6. User should able to place order for given items for a given restaurant.
7. Upon delivery, the status of the order must be set to ‘DELIVERD’.

Analyze the above requirements, design and build the database and application.