

# SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY

## FOOD DELIVERY SERVICE

Team members-

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Entities and their attributes:

- User
  - user\_id (Primary Key)
  - username
  - email
  - password
- Restaurant
  - restaurant\_id (Primary Key)
  - name
  - address
  - cuisine\_type
- Menu Item
  - item\_id (Primary Key)
  - restaurant\_id (Foreign Key to Restaurant)
  - name
  - description
  - price
- Order
  - order\_id (Primary Key)
  - user\_id (Foreign Key to User)
  - order\_date
  - total\_price
  - delivery\_address
- Order Item
  - order\_item\_id (Primary Key)
  - order\_id (Foreign Key to Order)
  - item\_id (Foreign Key to Menu Item)
  - quantity
- Delivery Driver
  - driver\_id (Primary Key)
  - name
  - phone\_number
- Delivery Assignment

- assignment\_id (Primary Key)
- order\_id (Foreign Key to Order)
- driver\_id (Foreign Key to Delivery Driver)
- assignment\_date
- status (e.g., pending, in progress, completed)

#### Relationships:

- A User can place one or more Orders.
- A Restaurant can offer multiple Menu Items.
- Orders are associated with one User.
- Orders can consist of multiple Order Items.
- Order Items link to one Menu Item.
- Each Order can have one Delivery Assignment.
- A Delivery Assignment assigns one Delivery Driver to an Order.

