DATABASE SCHEMA

TABLES

**Customers**

* id (INT, PRIMARY KEY, AUTO\_INCREMENT) – Unique customer ID.
* name (VARCHAR(25)) – Organization’s full name.
* contact\_person (VARCHAR(25)) – Person to contact within organization.
* address (VARCHAR(100)) – Address of the customer.
* pin\_code (INT) – Pin Code of the customer.
* contact (VARCHAR(10)) – Contact number.
* whatsapp (VARCHAR(10)) – WhatsApp number.
* email (VARCHAR(20)) – Email address.
* country (VARCHAR(15))
* state (VARCHAR(15))
* city (VARCHAR)15))
* gst (VARCHAR(20), UNIQUE) – Customer’s (Business’) GST Number.
* last\_purchase\_date (DATE) – Date of the latest transaction done by the customer.
* transport (VARCHAR(30)) – Mode of delivery.
* payment\_type (VARCHAR(15)) – Mode of payment.
* discount (VARCHAR(20))
* scheme (VARCHAR(20))

**Transactions**

* id (INT, PRIMARY KEY, AUTO\_INCREMENT) – Unique transaction ID.
* customer\_id (INT, FOREIGN KEY REFERENCES Customers(id)) – Associated customer.
* item (VARCHAR(50)) – Item sold in transaction.
* quantity (INT) – Number of units of item.
* transaction\_date (DATE) – Date of the transaction.

API DOCUMENTATION

CUSTOMERS

GET */api/customers* – Fetch all customers, ordered by last purchase date.

POST */api/customers* – Insert a new customer.

DELETE */api/customers* – Delete specific customer.

PUT */api/customers* – Edit info of a specific customer.

GET */api/customers/[id]* – Fetch info of specific customer.

TRANSACTIONS

GET */api/transactions* – Fetch all transactions of a specific customer.

POST */api/transactions* – Insert a new transaction of a customer.

DELETE */api/transactions* – Delete a specific transaction.

DOWNLOAD

GET */api/download/customers* – Download the customer table as an Excel file.

GET */api/download/transactions* – Download the transactions table as an Excel file.