

RESTAURANT

<u>Branchid</u>	Email	BranchName	Street Name	Zipcode
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RESTAURANT
PHONE

<u>Branchid</u>	<u>Phone</u>
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MENU

<u>Itemid</u>	Price	Item Name	Type
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EMPLOYEE

<u>Eid</u>	Name	phone	Address	Gender	Role	SSN	Salary	Experience	Branchid
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RECEIPT

<u>Orderid</u>	<u>Itemid</u>	Total Cost	Item Quantity	Payment type	Ordered date
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CUSTOMER

<u>CustomerID</u>	<u>OrderID</u>	BranchID	Age	Rating	<u>ItemID</u>	TurnaroundTime
			Incharge	chef	Mistakes	

→ Primary keys are underlined
→ Arrows are drawn from foreign keys to primary key

Primary keys, candidate keys and functional dependencies for each relation.

RESTAURANT:

Primary key, candidate key: Branchid

Functional dependencies: Branchid \rightarrow Email, Branchname, Street Name, Zipcode.

EMPLOYEE:

Primary key: Eid

candidate key: SSN, Eid

Functional dependencies:

Eid \rightarrow Gender, role, ssn, salary, experience, Branchid, phone, Address, name.

SSN \rightarrow Gender, role, salary, experience, Branchid, phone, Address, name.

CUSTOMER:

Primary key, candidate key: CUSTOMERID, ORDERID, ITEMID

CUSTOMERID, ORDERID, ITEMID \rightarrow Branchid, Age, rating, turnaround time, MISTAKES, CHER, Incharge

RECEIPT:

Primary key, candidate key: (ORDERID, ITEMID)

ORDERID ITEMID \rightarrow TOTAL Item COST, QUANTITY, PAYMENT, ORDERED DATE, TYPE

MENU:

PRIMARY KEY, CANDIDATE KEY: ItemID

functional dependencies:

ItemID \rightarrow Price, Itemname, Type

RESTAURANTPHONE:

PRIMARY KEY, CANDIDATE KEY: BRANCHID, PHONE

* All Relations are in BCNF

SANO	TEAMNUMBER	Name	UTANID
1	8	RAHITH PETA	1001966013
2	8	LAKSHMI GEETHIKA NAINALA	1001837234
3	8	DEEPTHI RISHITHA pamisetty	1001964972
4	8	DEEPTHI CHITTIRENI	1001967726