

EMPLOYEE

<u>fname</u>	<u>lname</u>	<u>emp-id</u>	gender	dob	bankaccount-no	license-num
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EMPLOYEE - ADDR

<u>emp-id</u>	<u>street-name</u>	<u>city</u>	<u>zip-code</u>
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COMPANY

<u>license-num</u>	email
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COMPANY - LOC

<u>license-num</u>	<u>phnum</u>	<u>pin</u>	<u>address</u>	<u>city</u>	<u>state</u>
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SUPPLIER

<u>id</u>	name	phnum	email	address
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PRODUCT

<u>prod-id</u>	<u>category-id</u>	brand	model	quantity	purchase-cost	selling-cost	category-name
					Prod-name	Supplier-id	

CUSTOMER

<u>cust-id</u>	email	dob	address	fname	lname	ph-num
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SALES - HISTORY

<u>purchase-id</u>	<u>cust-id</u>	<u>purchase-date</u>	<u>prod-id</u>	<u>category-id</u>	<u>pur-total</u>	<u>prod-amt</u>
			license-num	emp-id	access-id	

TEAM - 15

CSE 5330 - PHASE 3 MAPPING TO RELATIONS

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|------------------------------|------------|
| 1. GOKULAKRISHNAN SIVAKUMAR | 1001951441 |
| 2. PRITHIVIRAJ ESWARAMOORTHY | 1001860633 |
| 3. SUTITRAJ THIRUMURTHY | 1001830297 |
| 4. VANDHANA MANIVANNAN | 1001876764 |

Candidate key

Employee :- (employee_id, bankaccount_no)

Customer :- (cust_id, email)

Sales history :- (purchase_id)

product :- (prod_id)

Supplier (id, email)

Company (License_num)

~~Employee_Addn (emp_id, streetname, city, zip-code)~~

Employee_Addn (emp_id)

Company_Loc (License_num)

Team 15

1) Gokulakrishnan Sivakumar

1001951449

2) Prithiviraj Eswarenmoorthy 1001860633

3) Sujitraj Thirumathy 1001830297

4) Vandhana Munivannan 1001876764

Functional Dependency

Team 15

- 1) Gokula Krishnan Sivakuman
- 2) prithiviraj Eswararamanthy
- 3) Sujitraj Thirumunthy
- 4) vandhana, mani dhanan.

Employee :- {Employee-id} \rightarrow {fname, lname, gender, dob, streetname, city, zip-code, bank account no.}

Company :- {License-num} \rightarrow {email, phno, pin, address, city, state}

Supplier :- {Supplier-id, email} \rightarrow {name, Ph-num, ~~email~~, address}

Product :- {prod-id, category-id, Supplier-id} \rightarrow {~~cat~~ prod name, category-name, Selling cost, purchase-cost, quantity, model, demand.}

Customer :- {cust-id, email, phno} \rightarrow {fname, lname, address, dob}

Sales history :- {purchase id} \rightarrow {cust id, purchase-date, prod-id, category-id, pur-total, prod-amt}