**INDIABIZ FOR SALE.COM DATA MODEL-TASK 1**

**Sell side listing table:**

create table saleslisting(sid number(10) primary key, product varchar2(15) not null, field varchar2(15) not null, location varchar2(15) not null, startedon date, viewcount number(10));

insert into saleslisting values('0001','Groceries','Food','Chennai','26-JAN-1991',50);

insert into saleslisting values('0002','Drinks','Beverages','Bangalore','10-FEB-1999',60);

insert into saleslisting values('0003','Medicine','Healthcare','Delhi','15-MAR-2005',60);

insert into saleslisting values('0004','Electronics','Goods','Pune','15-NOV-2010',80);

insert into saleslisting values('0005','Machinery','Manufacturing','Chennai','08-OCT-1989',20);

select \* from saleslisting;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.ID** | **Product** | **Industry/Field** | **Location** | **Started On** | **View Count** |
| S001 | Groceries | Food | Chennai | 26-JAN-1991 | 50 |
| S002 | Drinks | Beverages | Bangalore | 10-FEB-1999 | 60 |
| S003 | Medicines | Healthcare | Delhi | 15-MAR-2005 | 60 |
| S004 | Electronics | Goods | Pune | 15-NOV-2010 | 80 |
| S005 | Machinery | Manufacturing | Chennai | 08-OCT-1989 | 20 |

**Finance table:**

create table finance(sid number(10) references saleslisting(sid), investment varchar2(10),turnover number(20), grossprofit number(20),ebitda number(20));

insert into finance values('0001','2 cr',1000000,10000,10000);

insert into finance values('0002','10 lakhs',2000000,20000,30000);

insert into finance values('0003','3-5 cr',3000000,30000,30000);

insert into finance values('0004','50 lakhs',4000000,40000,40000);

insert into finance values('0005','5 cr',5000000,50000,50000);

select \* from finance;

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.ID** | **Investment Amount** | **Turnover** | **Gross Profit** | **EBITDA** |
| S001 | 2 cr | 1000000 | 10000 | 10000 |
| S002 | 10 lakhs | 2000000 | 20000 | 20000 |
| S003 | 3-5 cr | 3000000 | 30000 | 30000 |
| S004 | 50 lakhs | 4000000 | 40000 | 40000 |
| S005 | 4 cr | 5000000 | 50000 | 50000 |

**Buyer/ Investor listing table:**

create table buyer(bid varchar2(10) primary key,serchingfor varchar2(20),field varchar2(15),investment number(20),location varchar2(15),sourceoffinanace varchar2(10));

insert into buyer values('B0001','Hospital business','Healthcare',400000,'Chennai','Own');

insert into buyer values('B0002','School business','Education',500000,'Bangalore','Sponsor’);

insert into buyer values('B0003','HDFC',' Finance',450000,'Delhi','Own');

insert into buyer values('B0004','Wholesale business','Supermarket',50000,'Pune','Own');

insert into buyer values('B0005','Pesticides','Agriculture',10000,'Chennai','Sponsored');

select \* from buyer;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **B.ID** | **Searching For** | **Industry/Field** | **Investment Amount** | **Location** | **Source Of Finance** |
| B001 | Hospital business | Healthcare | 400000 | Chennai | Own |
| B002 | School business | Education | 500000 | Bangalore | Sponsored |
| B003 | HDFC | Finance | 450000 | Delhi | Own |
| B004 | Wholesale business | Supermarket | 50000 | Pune | Own |
| B005 | Pesticides | Agriculture | 10000 | Chennai | Sponsored |

Relational Data model can be used to store the above information since we can relate between sell side listing table, finance table and buyer or investor’s table by comparing between product, field, investment amount and locations.