**RELATIONAL SCHEMA**

1. CLIENT (CID, SCALE, EMAIL, CNAME)
2. VENDOR\_EMPLOYEES (VEID, NAME, CONTRACT\_TIME, SALARY)
3. VENDOR\_EMPLOYEES\_EMAIL (VEID, VENDOR\_EMPLOYEE\_EMAIL)

VEID IS A FOREIGN KEY REFERENCING VENDOR\_EMPLOYEES

1. VENDOR\_EMPLOYEES\_PHONE (VEID, VENDOR\_EMPLOYEE\_FORM)

VEID IS A FOREIGN KEY REFERENCING VENDOR\_EMPLOYEES

1. CUSTOMER\_SERVICE\_EMPLOYEE (VEID)

VEID IS A FOREIGN KEY REFERENCING VENDOR\_EMPLOYEES

1. ACCOUNTING\_STAFF (VEID, CERTIFICATES)

VEID IS A FOREIGN KEY REFERENCING VENDOR\_EMPLOYEES

1. TECHNICAL\_SERVICE\_EMPLOYEE (VEID)

VEID IS A FOREIGN KEY REFERENCING VENDOR\_EMPLOYEES

1. SERVICE\_DETAILS (CID, TID, PRICE, DATE, SERVICE\_TYPE)

CID IS A FOREIGN KEY REFERENCING CLIENTS

TID IS A FOREIGN KEY REFERENCING CUSTOMER\_SERVICE\_TEAM

1. PAYMENT (PID, PAYMODE, KID, STARTDATE, ENDDATE, FEE2VENDOR, FEE2PROVIDER, CID)

CID IS A FOREIGN KEY REFERENCING CLIENTS

1. FIELD (FID, FNAME)
2. PROVIDERS (PID, PNAME)
3. PROVIDER\_ENGINEERS(EID, FIRSTNAME, LASTNAME, PID)

PID IS A FOREIGN KEY REFERENCING PROVIDERS

1. PROVIDER\_ENGINEERS\_EMAIL (EID, EMAIL)

EID IS A FOREIGN KEY REFERENCING PROVIDER\_ENGINEERS

1. PROVIDER\_ENGINEERS\_PHONE (EID, PHONE)

EID IS A FOREIGN KEY REFERENCING PROVIDER\_ENGINEERS

1. CONTRIBUTION (CID, KNID, KID, WEIGHT\_VALUE)
2. KNOWLEDGE (KID, KNAME, TOTAL\_FAIR, VEID)

VEID IS A FOREIGN KEY REFERENCING TECHNICAL\_SERVICE\_EMPLOYEE

1. KNOWLEDGE\_DETAIL (KDID, START\_DATE, END\_DATE, DURATION)
2. KNOWLEDGE\_NUGGET (KNID, KNAME, PATH, PID)

PID IS A FOREIGN KEY REFERENCING PROVIDERS

1. KNOWLEDGE\_NUGGET\_MATURE\_LEVEL (KNID, MATURE\_LEVEL)
2. KNOWLEDGE\_NUGGET\_COMPANY\_SIZE (KNID, COMPANY\_SIZE)
3. OVERVIEW (KNID)

KNID IS A FOREIGN KEY REFERENCING KNOWLEDGE\_NUGGET

1. CONTENT (KNID)

KNID IS A FOREIGN KEY REFERENCING KNOWLEDGE\_NUGGET

1. PPT (KNID, PAGES)

KNID IS A FOREIGN KEY REFERENCING KNOWLEDGE\_NUGGET

1. LEARNING\_GUIDE(KNID)

KNID IS A FOREIGN KEY REFERENCING KNOWLEDGE\_NUGGET

1. WORK\_SHEET (KNID , ROWCOLUMN)

KNID IS A FOREIGN KEY REFERENCING KNOWLEDGE\_NUGGET

1. VIDEO (KNID, LENGTH)

KNID IS A FOREIGN KEY REFERENCING KNOWLEDGE\_NUGGET

1. BUY(CID, KID)

CID IS A FOREIGN KEY REFERENCING CLIENTS; KID IS A FOREIGN KEY REFERENCING KNOWLEDGE

1. CONSTRAIN (KDID, KID)

KDID IS A FOREIGN KEY REFERENCING KNOWLEDGE\_DETAILS; KID IS A FOREIGN KEY REFERENCING KNOWLEDGE

1. COVER (FID, KNID)

FID IS A FOREIGN KEY REFERENCING FIELD; KNID IS A FOREIGN KEY REFERENCING KNOWLEDGE\_NUGGET

1. VALIDATE (PID, VEID)

PID IS A FOREIGN KEY REFERENCING PAYMENT, VEID IS A FOREIGN KEY REFERENCING ACCOUNTING STAFF

1. CONSIST\_OF\_TECHNICAL\_SERVICE\_EMPLOYEE (TID, VEID)

TID IS A FOREIGN KEY REFERENCING CUSTOMER\_SERVICE\_TEAM; VEID IS A FOREIGN KEY REFERENCING TECHNICAL\_SERVICE\_EMPLOYEE

1. CONSIST\_OF\_CUSTOMER\_SERVICE\_EMPLOYEE (TID, VEID)

TID IS A FOREIGN KEY REFERENCING CUSTOMER\_SERVICE\_TEAM; VEID IS A FOREIGN KEY REFERENCING CUSTOMER\_SERVICE\_EMPLOYEE