Database Design

Diagram

Description automatically generated

Tables:

1. Supplier Details

|  |  |
| --- | --- |
| **Column name** | **Datatype** |
| SUPP\_ID (Primary Key) | NUMBER(10,0) |
| FROM\_ADDRESS | VARCHAR2(255 CHAR) |
| LAND\_LINE | NUMBER(19,0) |
| SUPP\_CONTACT\_DETAILS | NUMBER(19,0) |
| SUPP\_NAME | VARCHAR2(255 CHAR) |

1. Users

|  |  |
| --- | --- |
| **Column name** | **Datatype** |
| ID (Primary Key) | NUMBER(10,0) |
| APPROVAL | NUMBER(1,0) |
| EMAIL | VARCHAR2(255 CHAR) |
| PASSWORD | VARCHAR2(255 CHAR) |
| OTP\_ID | VARCHAR2(255 CHAR) |
| SUPP\_ID (Foreign Key) | NUMBER(10,0) |
| TRUCK\_ID (Foreign Key) | NUMBER(10,0) |

1. OTPS

|  |  |
| --- | --- |
| **Column name** | **Datatype** |
| OTP\_ID (Primary Key) | VARCHAR2(255 CHAR) |
| OTP | VARCHAR2(255 CHAR) |

1. User Roles

|  |  |
| --- | --- |
| **Column name** | **Datatype** |
| USER\_ID (Foreign Key) | NUMBER(10,0) |
| ROLE\_ID (Foreign Key) | NUMBER(10,0) |

1. Truck Details

|  |  |
| --- | --- |
| **Column name** | **Datatype** |
| TRUCK\_ID (Primary Key) | NUMBER(10,0) |
| DRIVER\_NAME | VARCHAR2(255 CHAR) |
| DRIVER\_PH\_NUM | NUMBER(19,0) |
| TEMP | FLOAT |

1. Order Details

|  |  |
| --- | --- |
| **Column name** | **Datatype** |
| ORDER\_ID (Primary Key) | NUMBER(10,0) |
| CUST\_NAME | VARCHAR2(255 CHAR) |
| DRIVER\_ID (Foreign Key) | NUMBER(10,0) |
| ORDER\_TYPE | VARCHAR2(255 CHAR) |
| PH\_NUM | NUMBER(19,0) |
| SUPP\_ID (Foreign key) | NUMBER(10,0) |
| TIME | TIMESTAMP(6) |
| TO\_ADDRESS | VARCHAR2(255 CHAR) |

1. Roles

|  |  |
| --- | --- |
| **Column name** | **Datatype** |
| ROLE\_ID (Primary key) | NUMBER(10,0) |
| NAME | VARCHAR2(255 CHAR) |

Database Script

* **Roles:**

select \* from roles;

INSERT INTO roles VALUES (1, 'ADMIN');

INSERT INTO roles VALUES (2, 'SUPPLIER');

INSERT INTO roles VALUES (3, 'TRUCKDRIVER');

commit;

* **Order Details**

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-- File created - Wednesday-January-04-2023

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-- DDL for Table ORDER\_DETAILS

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CREATE TABLE "TEAM2"."ORDER\_DETAILS"

( "ORDER\_ID" NUMBER(10,0),

"CUST\_NAME" VARCHAR2(255 CHAR),

"DRIVER\_ID" NUMBER(10,0),

"ORDER\_TYPE" VARCHAR2(255 CHAR),

"PH\_NUM" NUMBER(19,0),

"SUPP\_ID" NUMBER(10,0),

"TIME" TIMESTAMP (6),

"TO\_ADDRESS" VARCHAR2(255 CHAR)

) SEGMENT CREATION IMMEDIATE

PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255

NOCOMPRESS LOGGING

STORAGE(INITIAL 1048576 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "TS\_TEAM2" ;

REM INSERTING into TEAM2.ORDER\_DETAILS

SET DEFINE OFF;

Insert into TEAM2.ORDER\_DETAILS (ORDER\_ID,CUST\_NAME,DRIVER\_ID,ORDER\_TYPE,PH\_NUM,SUPP\_ID,TIME,TO\_ADDRESS) values (6,'SampleCustomer',3,'Food',8978564523,1,to\_timestamp('04-JAN-23 02.32.17.434000000 PM','DD-MON-RR HH.MI.SSXFF AM'),'K. R Market');

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-- DDL for Index SYS\_C0034195

--------------------------------------------------------

CREATE UNIQUE INDEX "TEAM2"."SYS\_C0034195" ON "TEAM2"."ORDER\_DETAILS" ("ORDER\_ID")

PCTFREE 10 INITRANS 2 MAXTRANS 255

STORAGE(INITIAL 1048576 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "TS\_TEAM2" ;

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-- Constraints for Table ORDER\_DETAILS

--------------------------------------------------------

ALTER TABLE "TEAM2"."ORDER\_DETAILS" MODIFY ("ORDER\_ID" NOT NULL ENABLE);

ALTER TABLE "TEAM2"."ORDER\_DETAILS" MODIFY ("DRIVER\_ID" NOT NULL ENABLE);

ALTER TABLE "TEAM2"."ORDER\_DETAILS" MODIFY ("PH\_NUM" NOT NULL ENABLE);

ALTER TABLE "TEAM2"."ORDER\_DETAILS" MODIFY ("SUPP\_ID" NOT NULL ENABLE);

ALTER TABLE "TEAM2"."ORDER\_DETAILS" ADD PRIMARY KEY ("ORDER\_ID")

USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255

STORAGE(INITIAL 1048576 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "TS\_TEAM2" ENABLE;

* **OTPS**

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-- File created - Wednesday-January-04-2023

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--------------------------------------------------------

-- DDL for Table OTPS

--------------------------------------------------------

CREATE TABLE "TEAM2"."OTPS"

( "OTP\_ID" NUMBER(10,0),

"OTP" VARCHAR2(255 CHAR)

) SEGMENT CREATION DEFERRED

PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255

NOCOMPRESS LOGGING

TABLESPACE "TS\_TEAM2" ;

REM INSERTING into TEAM2.OTPS

SET DEFINE OFF;

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-- DDL for Index SYS\_C0034197

--------------------------------------------------------

CREATE UNIQUE INDEX "TEAM2"."SYS\_C0034197" ON "TEAM2"."OTPS" ("OTP\_ID")

PCTFREE 10 INITRANS 2 MAXTRANS 255

TABLESPACE "TS\_TEAM2" ;

--------------------------------------------------------

-- Constraints for Table OTPS

--------------------------------------------------------

ALTER TABLE "TEAM2"."OTPS" MODIFY ("OTP\_ID" NOT NULL ENABLE);

ALTER TABLE "TEAM2"."OTPS" ADD PRIMARY KEY ("OTP\_ID")

USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255

TABLESPACE "TS\_TEAM2" ENABLE;

* **Supplier Details**

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-- File created - Wednesday-January-04-2023

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--------------------------------------------------------

-- DDL for Table SUPPLIER\_DETAILS

--------------------------------------------------------

CREATE TABLE "TEAM2"."SUPPLIER\_DETAILS"

( "SUPP\_ID" NUMBER(10,0),

"FROM\_ADDRESS" VARCHAR2(255 CHAR),

"LAND\_LINE" NUMBER(19,0),

"SUPP\_CONTACT\_DETAILS" NUMBER(19,0),

"SUPP\_NAME" VARCHAR2(255 CHAR)

) SEGMENT CREATION IMMEDIATE

PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255

NOCOMPRESS LOGGING

STORAGE(INITIAL 1048576 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "TS\_TEAM2" ;

REM INSERTING into TEAM2.SUPPLIER\_DETAILS

SET DEFINE OFF;

Insert into TEAM2.SUPPLIER\_DETAILS (SUPP\_ID,FROM\_ADDRESS,LAND\_LINE,SUPP\_CONTACT\_DETAILS,SUPP\_NAME) values (1,'J.P Nagar 3rd Phase',8044445252,8956237845,'Samplesupplier');

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-- DDL for Index SYS\_C0034203

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CREATE UNIQUE INDEX "TEAM2"."SYS\_C0034203" ON "TEAM2"."SUPPLIER\_DETAILS" ("SUPP\_ID")

PCTFREE 10 INITRANS 2 MAXTRANS 255

STORAGE(INITIAL 1048576 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "TS\_TEAM2" ;

--------------------------------------------------------

-- Constraints for Table SUPPLIER\_DETAILS

--------------------------------------------------------

ALTER TABLE "TEAM2"."SUPPLIER\_DETAILS" MODIFY ("SUPP\_ID" NOT NULL ENABLE);

ALTER TABLE "TEAM2"."SUPPLIER\_DETAILS" MODIFY ("LAND\_LINE" NOT NULL ENABLE);

ALTER TABLE "TEAM2"."SUPPLIER\_DETAILS" MODIFY ("SUPP\_CONTACT\_DETAILS" NOT NULL ENABLE);

ALTER TABLE "TEAM2"."SUPPLIER\_DETAILS" ADD PRIMARY KEY ("SUPP\_ID")

USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255

STORAGE(INITIAL 1048576 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "TS\_TEAM2" ENABLE;

* **Truck Details**

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-- File created - Wednesday-January-04-2023

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--------------------------------------------------------

-- DDL for Table TRUCK\_DETAILS

--------------------------------------------------------

CREATE TABLE "TEAM2"."TRUCK\_DETAILS"

( "TRUCK\_ID" NUMBER(10,0),

"DRIVER\_NAME" VARCHAR2(255 CHAR),

"DRIVER\_PH\_NUM" NUMBER(19,0),

"TEMP" FLOAT(126)

) SEGMENT CREATION IMMEDIATE

PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255

NOCOMPRESS LOGGING

STORAGE(INITIAL 1048576 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "TS\_TEAM2" ;

REM INSERTING into TEAM2.TRUCK\_DETAILS

SET DEFINE OFF;

Insert into TEAM2.TRUCK\_DETAILS (TRUCK\_ID,DRIVER\_NAME,DRIVER\_PH\_NUM,TEMP) values (3,'SampleDriver',7845128956,4);

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-- DDL for Index SYS\_C0034207

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CREATE UNIQUE INDEX "TEAM2"."SYS\_C0034207" ON "TEAM2"."TRUCK\_DETAILS" ("TRUCK\_ID")

PCTFREE 10 INITRANS 2 MAXTRANS 255

STORAGE(INITIAL 1048576 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "TS\_TEAM2" ;

--------------------------------------------------------

-- Constraints for Table TRUCK\_DETAILS

--------------------------------------------------------

ALTER TABLE "TEAM2"."TRUCK\_DETAILS" MODIFY ("TRUCK\_ID" NOT NULL ENABLE);

ALTER TABLE "TEAM2"."TRUCK\_DETAILS" MODIFY ("DRIVER\_PH\_NUM" NOT NULL ENABLE);

ALTER TABLE "TEAM2"."TRUCK\_DETAILS" MODIFY ("TEMP" NOT NULL ENABLE);

ALTER TABLE "TEAM2"."TRUCK\_DETAILS" ADD PRIMARY KEY ("TRUCK\_ID")

USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255

STORAGE(INITIAL 1048576 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "TS\_TEAM2" ENABLE;

* **User roles**

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-- File created - Wednesday-January-04-2023

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-- DDL for Table USER\_ROLES

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CREATE TABLE "TEAM2"."USER\_ROLES"

( "USER\_ID" NUMBER(10,0),

"ROLE\_ID" NUMBER(10,0)

) SEGMENT CREATION IMMEDIATE

PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255

NOCOMPRESS LOGGING

STORAGE(INITIAL 1048576 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "TS\_TEAM2" ;

REM INSERTING into TEAM2.USER\_ROLES

SET DEFINE OFF;

Insert into TEAM2.USER\_ROLES (USER\_ID,ROLE\_ID) values (2,2);

Insert into TEAM2.USER\_ROLES (USER\_ID,ROLE\_ID) values (4,3);

Insert into TEAM2.USER\_ROLES (USER\_ID,ROLE\_ID) values (7,1);

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-- DDL for Index SYS\_C0034210

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CREATE UNIQUE INDEX "TEAM2"."SYS\_C0034210" ON "TEAM2"."USER\_ROLES" ("USER\_ID", "ROLE\_ID")

PCTFREE 10 INITRANS 2 MAXTRANS 255

STORAGE(INITIAL 1048576 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "TS\_TEAM2" ;

--------------------------------------------------------

-- Constraints for Table USER\_ROLES

--------------------------------------------------------

ALTER TABLE "TEAM2"."USER\_ROLES" MODIFY ("USER\_ID" NOT NULL ENABLE);

ALTER TABLE "TEAM2"."USER\_ROLES" MODIFY ("ROLE\_ID" NOT NULL ENABLE);

ALTER TABLE "TEAM2"."USER\_ROLES" ADD PRIMARY KEY ("USER\_ID", "ROLE\_ID")

USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255

STORAGE(INITIAL 1048576 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "TS\_TEAM2" ENABLE;

--------------------------------------------------------

-- Ref Constraints for Table USER\_ROLES

--------------------------------------------------------

ALTER TABLE "TEAM2"."USER\_ROLES" ADD CONSTRAINT "FKH8CIRAMU9CC9Q3QCQIV4UE8A6" FOREIGN KEY ("ROLE\_ID")

REFERENCES "TEAM2"."ROLES" ("ROLE\_ID") ENABLE;

ALTER TABLE "TEAM2"."USER\_ROLES" ADD CONSTRAINT "FKHFH9DX7W3UBF1CO1VDEV94G3F" FOREIGN KEY ("USER\_ID")

REFERENCES "TEAM2"."USERS" ("ID") ENABLE;

* **Users**

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-- File created - Wednesday-January-04-2023

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--------------------------------------------------------

-- DDL for Table USERS

--------------------------------------------------------

CREATE TABLE "TEAM2"."USERS"

( "ID" NUMBER(10,0),

"APPROVAL" NUMBER(1,0),

"EMAIL" VARCHAR2(255 CHAR),

"PASSWORD" VARCHAR2(255 CHAR),

"OTP\_ID" NUMBER(10,0),

"SUPP\_ID" NUMBER(10,0),

"TRUCK\_ID" NUMBER(10,0)

) SEGMENT CREATION IMMEDIATE

PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255

NOCOMPRESS LOGGING

STORAGE(INITIAL 1048576 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "TS\_TEAM2" ;

REM INSERTING into TEAM2.USERS

SET DEFINE OFF;

Insert into TEAM2.USERS (ID,APPROVAL,EMAIL,PASSWORD,OTP\_ID,SUPP\_ID,TRUCK\_ID) values (7,1,'admin@gmail.com','admin',null,null,null);

Insert into TEAM2.USERS (ID,APPROVAL,EMAIL,PASSWORD,OTP\_ID,SUPP\_ID,TRUCK\_ID) values (2,1,'samplesupplier@gmail.com','Sample@2022',null,1,null);

Insert into TEAM2.USERS (ID,APPROVAL,EMAIL,PASSWORD,OTP\_ID,SUPP\_ID,TRUCK\_ID) values (4,1,'testDriver@gmail.com','Sample@2022',null,null,3);

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-- DDL for Index SYS\_C0034213

--------------------------------------------------------

CREATE UNIQUE INDEX "TEAM2"."SYS\_C0034213" ON "TEAM2"."USERS" ("ID")

PCTFREE 10 INITRANS 2 MAXTRANS 255

STORAGE(INITIAL 1048576 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "TS\_TEAM2" ;

--------------------------------------------------------

-- Constraints for Table USERS

--------------------------------------------------------

ALTER TABLE "TEAM2"."USERS" MODIFY ("ID" NOT NULL ENABLE);

ALTER TABLE "TEAM2"."USERS" MODIFY ("APPROVAL" NOT NULL ENABLE);

ALTER TABLE "TEAM2"."USERS" ADD PRIMARY KEY ("ID")

USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255

STORAGE(INITIAL 1048576 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1

BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "TS\_TEAM2" ENABLE;

--------------------------------------------------------

-- Ref Constraints for Table USERS

--------------------------------------------------------

ALTER TABLE "TEAM2"."USERS" ADD CONSTRAINT "FK7T4Y0FCQ7MPP6T4TIRO4APIOH" FOREIGN KEY ("OTP\_ID")

REFERENCES "TEAM2"."OTPS" ("OTP\_ID") ENABLE;

ALTER TABLE "TEAM2"."USERS" ADD CONSTRAINT "FKECDWULAW3CW4CAR6JST1OPDTY" FOREIGN KEY ("SUPP\_ID")

REFERENCES "TEAM2"."SUPPLIER\_DETAILS" ("SUPP\_ID") ENABLE;

ALTER TABLE "TEAM2"."USERS" ADD CONSTRAINT "FK1U41VXPY8FEA048Y3XK6AJDF" FOREIGN KEY ("TRUCK\_ID")

REFERENCES "TEAM2"."TRUCK\_DETAILS" ("TRUCK\_ID") ENABLE;