**Database**

We have used Oracle DB.

The tables used are:

1. CAFEFOODITEMS

**Create Statement:**

CREATE TABLE "HR"."CAFEFOODITEMS"

( "FOODITEMID" NUMBER(5,0) NOT NULL ENABLE,

"MENUID" NUMBER(5,0),

"FOODITEMNAME" VARCHAR2(50 BYTE),

"PRICE" NUMBER(5,0),

"SODIUM" VARCHAR2(20 BYTE),

"SUGAR" VARCHAR2(20 BYTE),

"CHOLESTEROL" VARCHAR2(20 BYTE),

"CALORIE" NUMBER(5,0)

) SEGMENT CREATION IMMEDIATE

PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING

STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "USERS" ;

**Insert Statements:**

Insert into cafefooditems values (4 ,98, Pizza, 10 ,high ,low ,high ,300);

Insert into cafefooditems values (5, 98, Salad, 10 ,low ,low ,low ,200);

Insert into cafefooditems values (6, 98, Rice ,12 ,high ,high ,high ,400);

Insert into cafefooditems values (1, 98, French Fries ,5 ,high ,low ,low ,100);

Insert into cafefooditems values (2, 98,Curly Fries ,6 ,low ,high ,low ,90);

Insert into cafefooditems values (3, 98,Chicken Burger,8 ,high ,low ,high ,150);

1. DIETARYPROFILE

**Create Statement:**

CREATE TABLE "HR"."DIETARYPROFILE"

( "CARDNUMBER" NUMBER(10,0) NOT NULL ENABLE,

"DAILYCALORIECOUNT" NUMBER,

"SODIUMVALUE" VARCHAR2(20 BYTE),

"SUGARVALUE" VARCHAR2(20 BYTE),

"CHOLESTEROLVALUE" VARCHAR2(20 BYTE),

"DAY" DATE,

"CALORIESCONSUMED" NUMBER(10,0)

) SEGMENT CREATION IMMEDIATE

PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING

STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "USERS" ;

1. EXPENSEPROFILE

**Create Statement:**

CREATE TABLE "HR"."EXPENSEPROFILE"

( "CARDNUMBER" NUMBER(10,0) NOT NULL ENABLE,

"FUNDSSETFORMONTH" NUMBER(10,0),

"DAY" DATE,

"MONEYSPENTTHATDAY" NUMBER(10,0)

) SEGMENT CREATION IMMEDIATE

PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING

STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "USERS" ;

1. USERS1

**Create Statement:**

CREATE TABLE "HR"."USERS1"

( "USERNAME" VARCHAR2(20 BYTE) NOT NULL ENABLE,

"CARDNUMBER" NUMBER(11,0) NOT NULL ENABLE,

"PASSWORD" VARCHAR2(20 BYTE)

) SEGMENT CREATION IMMEDIATE

PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING

STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "USERS" ;

1. VENDINGMACHINEFOODITEMS

**Create Statement:**

CREATE TABLE "HR"."VENDINGMACHINEFOODITEMS"

( "FOODITEMID" NUMBER(5,0) NOT NULL ENABLE,

"MENUID" NUMBER(5,0),

"FOODITEMNAME" VARCHAR2(50 BYTE),

"PRICE" NUMBER,

"SODIUM" VARCHAR2(20 BYTE),

"SUGAR" VARCHAR2(20 BYTE),

"CHOLESTEROL" VARCHAR2(20 BYTE),

"CALORIE" NUMBER(5,0)

) SEGMENT CREATION IMMEDIATE

PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255 NOCOMPRESS LOGGING

STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1 BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)

TABLESPACE "USERS" ;

**Insert Statements:**

Insert into vendingmachinefooditems values (1,99,Powerade,2, high, low, low, 100);

Insert into vendingmachinefooditems values (2,99,Doritos,4, low ,high ,high, 200);

Insert into vendingmachinefooditems values (3,99,Coke, 2, low, high, high, 300);

Insert into vendingmachinefooditems values (4,99,Lays, 3, high, low, high, 250);

Insert into vendingmachinefooditems values (5,99,Sprite,5, low, high, high, 300);

Insert into vendingmachinefooditems values (6,99,Coconut Water,3,high,low, low, 100);