

```
CREATE TABLE status (  
    status_key NUMBER(5) NOT NULL,  
    New_custo VARCHAR2(10) NOT NULL,  
    new_add VARCHAR2(10) NOT NULL,  
    payment NUMBER(4) NOT NULL,  
    closed_period NUMBER(4) NOT NULL,  
    CONSTRAINT STATUS_KEY PRIMARY KEY (status_key)  
);
```

```
CREATE TABLE time (  
    time_key NUMBER(5) NOT NULL,  
    monthly_num NUMBER(2) NOT NULL,  
    month NUMBER(2) NOT NULL,  
    quater NUMBER(1) NOT NULL,  
    year NUMBER(4) NOT NULL,  
    period NUMBER(2) NOT NULL,  
    CONSTRAINT TIME_KEY PRIMARY KEY (time_key)  
);
```

```
CREATE TABLE plan (  
    plan_key NUMBER(4) NOT NULL,  
    plan_code NUMBER(6) NOT NULL,  
    num_phone NUMBER(10) NOT NULL,  
    plan_name VARCHAR2(10) NOT NULL,  
    monthly_min NUMBER(2) NOT NULL,  
    rollover_min NUMBER(2) NOT NULL,  
    CONSTRAINT PLAN_KEY PRIMARY KEY (plan_key)  
);
```

```
CREATE TABLE customer (  
    customer_key NUMBER(5) NOT NULL,  
    customer_name VARCHAR2(10) NOT NULL,  
    customer_code NUMBER(5) NOT NULL,  
    family_size NUMBER(2) NOT NULL,  
    address VARCHAR2(20) NOT NULL,  
    state VARCHAR2(10) NOT NULL,  
    zip NUMBER(6),  
    CONSTRAINT CUSTOMER_KEY PRIMARY KEY (customer_key)  
);
```

```
CREATE TABLE usage_facts (  
    plan_key NUMBER(4) NOT NULL,  
    customer_key NUMBER(5) NOT NULL,  
    status_key NUMBER(5) NOT NULL,  
    time_key NUMBER(5) NOT NULL,
```

```
        plan_min VARCHAR2(10) NOT NULL,  
        overage_min NUMBER(2) NOT NULL,  
        mon_acc_charge NUMBER(4) NOT NULL,  
        mon_overage_charge NUMBER(4) NOT NULL,  
        voice_usage VARCHAR2(10) NOT NULL,  
        data_usage VARCHAR2(10) NOT NULL,  
        CONSTRAINT KEY PRIMARY KEY (plan_key, customer_key, status_key,  
time_key)  
);
```

```
ALTER TABLE usage_facts ADD CONSTRAINT STATUS_USAGE_FACTS_FK  
FOREIGN KEY (status_key)  
REFERENCES status (status_key)  
NOT DEFERRABLE;
```

```
ALTER TABLE usage_facts ADD CONSTRAINT TIME_USAGE_FACTS_FK  
FOREIGN KEY (time_key)  
REFERENCES time (time_key)  
NOT DEFERRABLE;
```

```
ALTER TABLE usage_facts ADD CONSTRAINT PLAN_USAGE_FACTS_FK  
FOREIGN KEY (plan_key)  
REFERENCES plan (plan_key)  
NOT DEFERRABLE;
```

```
ALTER TABLE usage_facts ADD CONSTRAINT CUSTOMER_USAGE_FACTS_FK  
FOREIGN KEY (customer_key)  
REFERENCES customer (customer_key)  
NOT DEFERRABLE;
```