

## REPORT 2

**Introduction to the database:** NUMusic is an application used for music management. We can use the NUMusic database to manage the users who are using the app, navigate songs, subscribe to an available subscription plan to get access to perks like downloading songs, managing playlists, managing the payment details to get the subscription. Students, staff members and other employees associated can use this application.

**Objective:** To show user who are currently subscribed to a paid subscription plan and have auto subscription on.

**Query used:**

```
SELECT
    ud.user_id,
    ud.user_name,
    ud.user_email,
    s.subs_plan_name,
    s.subs_start_date,
    s.subs_end_date
FROM
    User_Details ud
    INNER JOIN Subscription s ON ud.user_id = s.user_id
WHERE
    s.subs_end_date > SYSDATE AND s.auto_subscription = 'Y';
```

**Result screen shots:**

```

30
31
32 --a report showing the user along with paid active subscription plan details
33 SELECT
34     ud.user_id,
35     ud.user_name,
36     ud.user_email,
37     s.subs_plan_name,
38     s.subs_start_date,
39     s.subs_end_date
40 FROM
41     User_Details ud
42     INNER JOIN Subscription s ON ud.user_id = s.user_id
43 WHERE
44     s.subs_end_date > SYSDATE AND s.auto_subscription = 'Y';
45
46 select * from subscription;
47
48

```

Script Output x Query Result x

SQL | All Rows Fetched: 1 in 0.582 seconds

USER_ID	USER_NAME	USER_EMAIL	SUBS_PLAN_NAME	SUBS_START_DATE	SUBS_END_DATE
1	103 Aditi	aditi@gmail.com U		13-APR-23	13-OCT-23