

**Admin Workshop -II Lab 1**

**Complete database recovery: Noarchive log mode**

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1. Connect to GBUSER1DB (the database name may be different. If you are not too sure go to server manager and check the database name which you are connected today) and create new user GBUSER1 and create DEPT table in GBUSER1 schema.( Hope you know this!!)
  - **Connect to the database as system/manager**
  - **Create new user GBUSER1**
  - **Grant CONNECT role to the user**
  - **Create DEPT\_dump table in Gbuser1 user**  
**create table dept\_dump ( name varchar2(10)) tablespace USERS;**

**2.Shutdown the database and take os cold backup of all files for GBUSER1DB**

- Copy and paste all the files from the c:\oracle\oradata\GBUSER1DB folder to c:\backup folder. ( Hopen you know what you are doing. You are taking cold backup of your database)

**3.startup GBUSER1DB database**

**4.Connect to gbuser1 and create new table NEWEMP ( Just a quick create)**

create table newemp tablespace users as select \* from emp;

**5.See which datafile for the table created using query**

select f.file\_name from dba\_tables t,dba\_data\_files f where table\_name='NEWEMP' and t.tablespace\_name=f.tablespace\_name;

**6.Shutdown the database**

**7.Delete the users01.dbf file using os.**( I mean to say delete the database file in which the table was created in previous step. You can not delete a file when the file is in use means when database is open) **(Just to simulate the crash)**

**8.Start the database** and you will get error as the datafile is missing. Please note the error below:

**9.Shutdown abort (Now you need to do recovery)**

**10. Delete all files from ..\oradata\GBUSER1DB and copy all files from the backup folder**(You are doing RESTORE)

**11.Now startup the database**

**12.Connect user GBUSER1 . Can you connect? Y/N**

**13.Connect to user gbuser1 and see if NEWEMP exists ? Y/N** (select \* from newemp;)

**You will see the table created before taking the cold backup is lost as database is recovered from last cold backup.**