We have total 3 scripts; all these scripts are able to run multiple times without failure. Please run the scripts in the same order as below to avoid getting any errors.:

Git Link: https://github.com/mrunalipawar97/damg6210_project_numusic/tree/main

1. admin_NUMusic_UserCreationScript- this script handles the creation and dropping of the 4 different users we have – AppAdmin_NUmusic, AppCustomerService, AppPaidUser, AppUnPaidUser. This script also grants resources like create session, table, sequence, view creation, etc. accesses to relevant users. Please make sure all users are disconnected before running this script. This script should be run in admin.
   Admin Username- admin
   Admin Password- NUMusic098#123

 2.**Appadmin_NUMusic_TablesCreationScript**- This script creates and drops tables and sequences. This script also enters values into the various tables created. This script also grants access to the other users (customer service, paid user, unpaid user) over the relevant tables created. This script should be run in AppAdmin_Numusic.
Username- appadmin_numusic
Password- NUMusic123456

3. **NUMusic_Appadmin_Userpackage**- This script is to define all the package under the user module
Username- appadmin_numusic
Password- NUMusic123456

4. **Appadmin_NUMusic_Musicpackage** - This script is to define all the package under the music module.
Username- appadmin_numusic
Password- NUMusic123456

5. **Appadmin_NUMusic_SubscriptionpackageScript** - This script is to define the package under the subscription module.
Username- appadmin_numusic
Password- NUMusic123456

6. **Appadmin_NUMusic_NonpackageProcedures** - This script is to define the non package modules.
Username- appadmin_numusic
Password- NUMusic123456

7. **Appadmin_NUMusic_Permissions**- This script is to grant permission to Apppaiduser, Appunpaiduser, Appcustomerservice.
Username- appadmin_numusic
Password- NUMusic123456

8. **Appadmin_NUMusic_Procsexecution** - This script is for the execution of all the packages, functions under Appadmin.

Username- appadmin_numusic
Password- NUMusic123456

9. **Apppaiduser_NUMusic_Procsexecution**- This script is for the execution of all the packages, functions under Apppaiduser.

Username- apppaiduser
Password- NUMusic123456

10. **Appunpaiduser_NUMusic_Procsexecution** - This script is for the execution of all the packages, functions under Appunpaiduser.

Username- appunpaiduser
Password- NUMusic123456

11. **Appcustomerservice_NUMusic_Procsexecution** - This script is for the execution of all the packages, functions under Appcustomerservice.

Username- appcustomerservice
Password- NUMusic123456

12. **Appadmin_NUMusic_functions-** This script creates and executes all the functions.

Username- appadmin_numusic
Password- NUMusic123456

13. **Appadmin_NUMusic_reports –** This script executes queries for all the reports generated.

Username- appadmin_numusic
Password- NUMusic123456

14. **Appadmin_NUMusic_Triggers -** This script executes queries for all the triggers.

Username- appadmin_numusic
Password- NUMusic123456

15. **Appadmin_NUMusic_testcases –** This script executes queries to execute the testcases in Appadmin.

Username- appadmin_numusic
Password- NUMusic123456

16. **Appadmin_NUMusic_ViewsCreationScript_Updated**- This script creates and drops views. This script also grants access to the other users (customer service, paid user, unpaid user) over the relevant views created. This script should be run in AppAdmin.
Username- appadmin_numusic
Password- NUMusic123456

17. **AppCustomerService_ViewAccessScript**- This script demonstrates that customer service user is able to access and query specified views. In this script make sure the owner is appadmin_numusic else the script will give error.
Example: Select * from appadmin_numusic.VW_PLAYLIST_SONGS;
Username- AppCustomerService
Password- NUMusic123456

18. **AppUnPaidUser_ViewAccessScript-** This script demonstrates that unpaid user is able to access and query specified views. In this script make sure the owner is appadmin_numusic else the script will give error.
Example: Select * from appadmin_numusic.VW_PLAYLIST_SONGS;
Username- AppPaidUser
Password- NUMusic123456

19. **AppPaidUser_ViewAccessScript-** This script demonstrates that paid user is able to access and query specified views. In this script make sure the owner is appadmin_numusic else the script will give error.
Example: Select * from appadmin_numusic.VW_PLAYLIST_SONGS;

Username- AppUnPaidUser
Password- NUMusic123456
No other user except AppAdmin has access to creating or dropping tables, sequences, procedures etc. If you use another user, you would get an output asking you to reach out to admin.