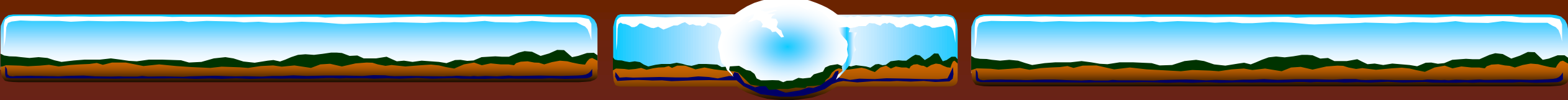


Types of Users in Oracle

❖ Application Developers

- ❖ Application developers design and implement database applications. Their responsibilities include the following tasks:
 - ❖ Designing and developing the database application
 - ❖ Designing the database structure for an application
 - ❖ Estimating storage requirements for an application
 - ❖ Specifying modifications of the database structure for an application
 - ❖ Relaying this information to a database administrator
 - ❖ Tuning the application during development
 - ❖ Establishing security measures for an application during development



Types of Users in Oracle

❖ **Application Administrators**

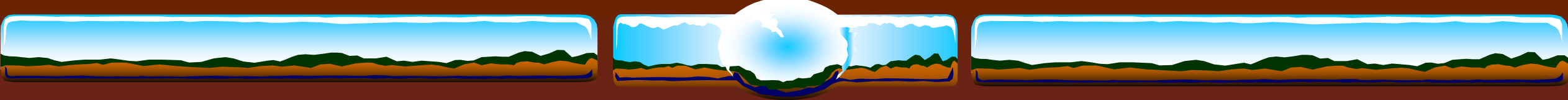
- ❖ An Oracle Database site can assign one or more application administrators to administer a particular application. Each application can have its own administrator.



Types of Users in Oracle

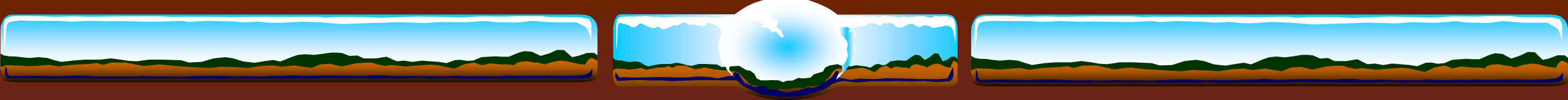
❖ Database Users

- ❖ Database users interact with the database through applications or utilities. A typical user's responsibilities include the following tasks:
 - ❖ Entering, modifying, and deleting data, where permitted
 - ❖ Generating reports from the data



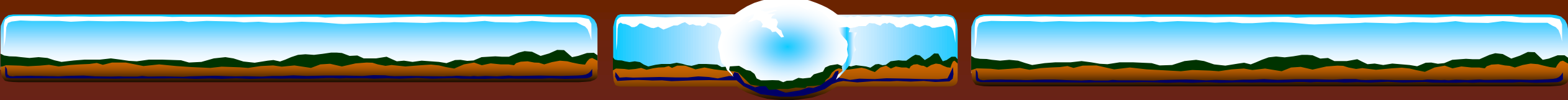
How to Create a User

- ❖ To create a user in oracle 26ai
 - ❖ Connect with sys as sysdba using command prompt
 - ❖ Write command show user to make sure we connected with sys user
 - ❖ Write the following command to create a user
 - ❖ Create user *user_name* identified by *password*;
- ❖ Once the user is create try to connect using new user account using the following sql command
 - ❖ SQL>conn *user_name/password*



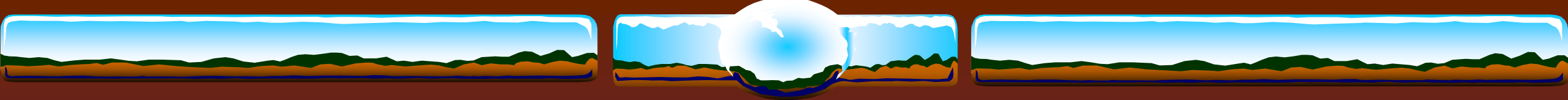
Giving Authentication

- ❖ The user does not have authentication to connect with user.
- ❖ To give user authentication we use the following query of SQL.
 - ❖ Grant connect, create session to *user_name*;
- ❖ Try again to connect the newly created user. The user will be connected with the database successfully.



Giving Authentication

- ❖ The next step is to give user authentication our scott schema.
- ❖ To give this authentication we will use the following query.
 - ❖ Grant select on scott.emp to *user_name*;
 - ❖ Grant update on scott.emp to *user_name*;
 - ❖ Grant delete on scott.emp to *user_name*;



Giving Authentication

- ❖ If we need to give all the authentication at once then we use the following SQL query
 - ❖ Grant all on scott.emp to *user_name*;
- ❖ If we want to make the user DBA then we use the following SQL query
 - ❖ Grant DBA to *user_name*;