

About Myself

- **Muhammad Tahir**
 - MS Telecom and Network From Manchester, UK.
 - BSIT From Islamabad Pakistan.
 - Khana-e-Noor University Kabul.
 - Karwan University Kabul.
 - Kateb University Kabul.
 - Technosoft Institute
 - Software Developer
 - UET Peshawar
 - Team Leader (Software Engineers)
 - Traffic Management System
 - Smart Grid

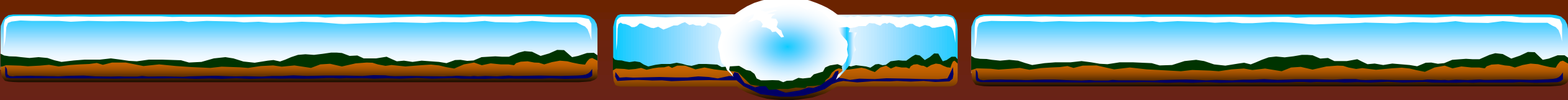
How to contact me ?

- PH 0783911876
- Email: narebaraan@yahoo.com

Session Rules of Etiquette

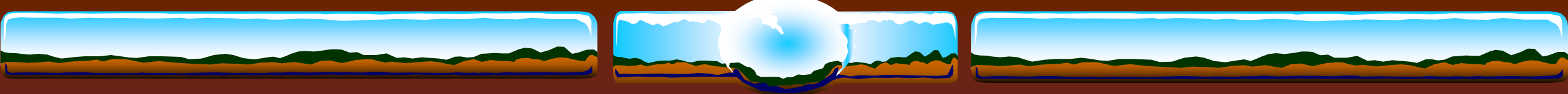
- ▣ Please turn off your cell phone
- ▣ If you must leave the session early, please do so as soon as possible
- ▣ Please avoid side conversation(s) during the session

Thank you for your cooperation!



Database Users

- ❖ Database users are the one who really use and take the benefits of database.
- ❖ There will be different types of users depending on their need and way of accessing the database.
- ❖ The types of users and their roles and responsibilities depend on the database site.
- ❖ A small site can have one database administrator who administers the database for application developers and users.
- ❖ A very large site can find it necessary to divide the duties of a database administrator among several people and among several areas of specialization.



Types of Users in Oracle

❖ Database Administrators

- ❖ Each database requires at least one database administrator (DBA). An Oracle Database system can be large and can have many users. Therefore, database administration is sometimes not a one-person job, but a job for a group of DBAs who share responsibility.
- ❖ A database administrator's responsibilities can include the following tasks:
 - ❖ Installing and upgrading the Oracle Database server and application tools
 - ❖ Allocating system storage and planning future storage requirements for the database system
 - ❖ Creating primary database storage structures (tablespaces) after application developers have designed an application
 - ❖ Creating primary objects (tables, views, indexes) once application developers have designed an application
 - ❖ Modifying the database structure, as necessary, from information given by application developers



Types of Users in Oracle

- ❖ Enrolling users and maintaining system security
- ❖ Ensuring compliance with Oracle license agreements
- ❖ Controlling and monitoring user access to the database
- ❖ Monitoring and optimizing the performance of the database
- ❖ Planning for backup and recovery of database information
- ❖ Maintaining archived data on tape
- ❖ Backing up and restoring the database
- ❖ Contacting Oracle for technical support