Project Report on Blogging Site Database

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**Group : A2**

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**Project Name : Blogging Site Database…**

**Submitted To,**

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**Objectives:**

1. To learn about Oracle SQL Commands.
2. To learn about implementation of oracle SQL Commands.
3. To learn about pl/sql commands.
4. To Organize SQL Commands in a particular project.
5. To learn about ER Diagram and to follow the whole project according the diagram.

**E-R Diagram:**

1

Under

POST M 1 CATEGORY

1 M

Creates Creates

1

Assigns 1 USERS

1

Creates

1 M

TAGS COMMENT

**Project Details :**

This project has a total 13 files containing different operations..Details are given below :

|  |  |  |
| --- | --- | --- |
| **No.** | **File Names** | **File Description** |
| 01 | **Part-01(Dropping Trigger and Tables).sql** | Dropping used triggers and tables of the project to check if they exist or not.. |
| 02 | **Part-02(Creating Tables).sql** | Creatting the necessary tables.. |
| 03 | **Part-03(Inserting Data).sql** | Inserting Data into the tables.. |
| 04 | **Part-04(Applicable Operations in server site projects).sql** | Several operations are used to demonstrate that they can be used in backend code in server site Database implemented sql commands..  (Part-01) |
| 05 | **Part-05(Applicable Operations in server site projects).sql** | Several operations are used to demonstrate that they can be used in backend code in server site Database implemented sql commands..  (Part-02) |
| 06 | **Part-06(Set and Join Operation Samples).sql** | Set and Join operation are used for different perposes here.. |
| 07 | **Part-07(Administrative Play for boring times).sql** | An unnecessary and interesting game was implemented for free time for an admin if they bored in works..  In here, the process generates a random number from system...According to that NUMBER a table will selected...Then it will generate a random number again..That number will be a number in primary key...From there to last the given information will be shown... |
| 08 | **Part-08(Cursor and normal loop in pl sql).sql** | A cursor was implemented to see the username and password by an admin. |
| 09 | **Part-09(Function in pl sql).sql** | A function with perameter was implemented which return the reverse number of a given value.. |
| 10 | **Part-010(Function Call in pl sql).sql** | Function call was shown here.. |
| 11 | **Part-011(Procedure in pl sql).sql** | Procedures was implemented to find the minimum id between 2 user from users table.Can be applied by reusing code for other tables too.. |
| 12 | **Part-012(Trigger).sql** | Two triggers were created here.One for managing all the actions and other for a valid input.. |
| 13 | **Part-013(Transaction Management and Submissions).sql** | A Transaction Management was shown here.. |

**Discussions :**

This project is all about implementing sql and pl/sql commands for oracle database.Generating idea for a blogging site database by implementing sql and pl/sql commands was hard at first.After this,several errors also occured in the time of doing the project. Day to day,the errors were solved and I finished my project successfully.