**PART B**

**AIM OF THE PROJECT:** Micro-Project On Conducting A Survey And Writing Information About Different Relational Database Management System Software And Comparing Them

**BRIEF DESCRIPTION:**

* A Relational Database Management System (RDBMS) Is A Collection Of Inter Related Data And Set Of Programs To Access And Modify Data.
* Data Can Be Accessed, Deleted, Modified Easily With The Help Of RDBMS Software’s
* RDBMS Use Structured Query Language To Access Data And Modify It
* RDBMS Has The Ability To Store Large Amount Of Data.
* RDBMS Helps To Reduce Space Required For Storing Of Data.
* With The Help Of RDBMS The Data Can Be Kept Secure By Applying Security Constraints To It.
* Maintance Of RDBMS Software Is Easy.
* Some Of The Well-Known Database System Software Are As Follows: -
* MySQL
* Microsoft Access
* Oracle
* IBM Db2 (LUW)
* Teradata
* Microsoft Sql Server

**AIM OF MICRO PROJECT:**

The Micro-Project Aims To :-

* Conduct A Survey On Different RDBMS Software.
* Study And Compare Different RDBMS Software
* Study About How Data Is Managed And Stored By The RDBMS Software To Minimize Reductancy And Duplication.
* Study About The Different Architecture Used By Different RDBMS Software.
* To Compare Different Rdms Software On The Bases Of Their:
* Database Size
* Supported Platforms
* User Interfaces
* Fundamental Features, Etc.

**COURSE OUTCOME INTEGRATED:**

* Design Normalized Database On Given Data
* Create And Manage Database Using Sql Command

**ACTUAL PROCEDURE FOLLOWED:**

1. **GROUP FORMATION: -** RDBMS Is A Subject Which Teaches Us To Manage And Retrieve Data Using Different Relational Database Management System Software. The Basic Aim Of Micro- Project Is To Accelerate The Attainment Of The Various Outcome In The Course. In The First 2 Weeks Of August The Subject Was Introduced .The Syllabus As Well As Detail Of Micro-Project Was Discussed. The Group Of 3 Members Were Formed And The Group Leaders Were Selected. The Schedule Of Plan “A”,”B”& “Presentation” Were Finalized. The Various Micro-Project Topics Related To Subject Was Discussed Our Guide Gave Us The Opportunity To Select The Topic Of Our Choice.
2. **FINALIZATION OF MICRO-PROJECT: -** After Attending The Lectures For 2 Weeks.We Selected The Topic For Micro-Project.We Discussed The Topic With Our Guide Regarding The Concept Which We Are Going To Apply In The Project.We Individually Tried To Explain The Basic Platform Of Project.
3. **PLANNING: -** After Finalization Of The Project We Started Working On The Project. We Started The Planning Phase.We Discussed Among Ourselves Regarding The Resources Such As Hardware & Software Requirements. In This Week We Completed ‘Part A Plan’ Of The Micro-Project Which Is Nothing But An Initial Description About The Project. We Submitted It To The Guide.
4. **MODULE DISTRIBUTION &ANALYSIS PART: -** Once The Planning Was Over Regarding Resources, Etc. We Finalized The Module Which We Will Be Creating. According To Members We Distributed The Module Among us. We Started The Analysis Of Project.
5. **DESIGN PART: -** In This Part We Focused On Formatting The Project To Give It A Better Look By Adding Borders, Changing Font Setting, Etc
6. **IMPLEMENTATION: -** In The Week We Actually Started The Technical Phase .In This Phase We Technically Applied The Formatting As Decided. The Information For Each Module Which Was To Be Written Was Sorted. Each Member Was Writing Information About The Module Which Was Assigned To Them. Finally The Project Was Within The Schedule Time.
7. **PRESENTATION :-** In This Week We Have To Present The Micro-Project In Front Of The Guide.Each Member Of Group Presented Their Parts With Confidence In Front Of Guide.She Asked Us Variouse Queries Regarding The Topics.We Presented Details Of Each Concept Of The Respective RDBMS Software In The Project.She Asked Us To Do Variouse Changes Regarding Some Topics.
8. **SUBMISSION: -** This Week Was Submission Week.We Submitted Our Project Along With ‘Part A & B Plan’ To The Guide.We Also Submitted The Hard Copies Of Project To The Guide

REFERENCES

We Do Have Used A Few References During The Process Of Building Our Project. The References Used Are From Websites.

The References Used Are:

Websites:

1: Www. Wikipedia.Org

2: Www.Tutorialspoint.Com.

3: Www.Quora.Com.

**SKILL DEVELOPED/LEARNING OUT OF THIS MICRO PROJECT:**

* Since We Worked In A Group, We Developed The Skill Of ‘Teamwork’ In Us
* We Came To Know How And When To Use Some Of The Important Concept Of Different RDBMS Software.