COMPUTER ENGINEERING

**TITLE OF MICRO-PROJECT: -** MICRO-PROJECT ON CONDUTING A SURVEY AND WRITING INFORMATION ABOUT DIFFERENT RELATIONAL DATABASE MANAGEMENT SYSTEM SOFTWARE AND COMPARING THEM

**GROUP MEMBERS**

|  |  |  |
| --- | --- | --- |
| **ROLL NO** | **CLASS** | **NAME OF MEMBER** |
| 2202 | C03I | VARUN CHAUDRI  (GROUP LEADER) |
| 2203 | CO3I | DRAVIN CHAUHAN |
| 2217 | CO3I | HERAMB PAWAR |

**GUIDE NAME**: - MRS.

PART A PLAN

**TTITLE OF MICRO-PROJECT:** **–** TO CONDUCT A SURVEY AND WRITE ABOUT DIFFERENT RELATIONAL DATABASE MANAGEMENT SOFTWARE AND COMPARE THEM.

1. **BRIEF DESCRIPTION**: -

* A RELATIONAL DATABASE MANAGEMENT SYSTEM (RDMS) 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 RDMS SOFTWARES
* RDMS USE STRUCTERED QUERY LANGUAGE TO ACCESS DATA AND MODIFY IT
* RDMS HAS THE ABILITY TO STORE LARGE AMOUNT OF DATA.
* RDMS HELPS TO REDUCE SPACE REQUIRED FOR STORING OF DATA.
* WITH TE HELP OF RDMS THE DATA CAN BE KEPT SECURE BY APPLYING SECURITY CONSTRAINTS TO IT.
* MAINTANCE OF RDMS 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

**2.0 AIM** **OF MICRO-PROJECT: -**

THE MICRO-PROJECT AIMS TO

* CONDUCT A SURVEY ON DIFFERENT RDBMS SOFTWARE.
* STUDY AND COMPARE DIFFERENT RDMS SOFTWARE
* STUDY ABOUT HOW DATA IS MANAGED AND STORED BY THE RDMS SOFTWARE TO MINIMIZE REDUCTANCY AND DUPLICATION.
* STUDY ABOUT THE DIFFERENT ARCHITECTURE USED BY DIFFERENT RDMS SOFTWARE.
* TO COMPARE DIFFERENT RDMS SOFTWARE ON THE BASES OF THEIR:
* DATABASE SIZE
* SUPPORTED PLATFORMS
* USER INTERFACES
* FUNDAMENTAL FEATURES, ETC.

**3.0 ACTION PLAN: -**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR NO** | **DETAIL OF ACTIVITIES** | **PLAN START DATE** | **PLAN END DATE** | **NAME OF TEAM MEMBERS** |
| 1 | GROUP FORMED ACCORDING TO ROLL NO & GROUP LEADERS WERE ELECTED ALSO DETAILED INFORMATION ON MICRO PROJECT WAS GIVEN | 26/06/19 | 05/07/19 | VARUN CHAUDARI |
| 2 | FINALIZATION OF MICROPROJECT AS WELL AS DETAILED DISCUSSION REGARDING TOPIC | 08/07/19 | 19/07/19 | DRAVIN CHAUHAN |
| 3 | PLANNING OF MICRO-PROJECT REGARDING LANGUAGE, RESOURCES, SOFTWARE USED, SUBMISSION DATE AND COMPLETING PART A PLAN OF MICRO – PROJECT | 22/07/19 | 02/08/19 | HERAMB  PAWAR |
| 4 | COMPLETE ANALYSIS OF DESIGN PART OF MICRO-PROJECT & DISTRIBUTION OF MODULE AMONG GROUP MEMEBERS | 05/08/19 | 16/08/19 | VARUN CHAUDARI |
| 5 | GETTING IT FINALIZED BY THE GUIDE | 19/08/19 | 30/08/19 | DRAVIN CHAUHAN |
| 6 | IMPLEMENTATION OF  PROJECT REPORT | 02/09/19 | 13/09/19 | HERAMB  PAWAR |
| 7 | PRESENTATION OF 1ST PART OF MICRO-PROJECT INFRONT OF GUIDE BY EACH GROUP MEMBER AND  PREPARING OF PART B PLAN FOR MICRO-PROJECT | 16/09/19 | 27/09/19 | VARUN CHAUDARI |
| 8 | SUBMISSION OF MICRO-PROJECT | 30/09/19 | 11/10/19 | DRAVIN CHAUHAN |

**4.0** **RESOURCES USED: -**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR NO** | **NAME OF RESOURCES REQUIRED** | **SPECIFICATION** | **QUANTITY** | **REMARKS** |
| 1 | COMPUTER | **PROCESSOR-**AMD  **HARD DISK-**2 TB  **RAM-**16GB  **OPERATING SYSTEM-**WINDOWS 10 PRO | 1  1  1  1 | HARDWARE USED |
| 2 | MICROSOFT WORD | MS OFFICE 2010 | -- | SOFTWARE USED |
| 3 | REFERENCE | WIKIPEDIA. ORG, GOOGLE. COM | | |