| Faculty of Engineering & Technology | | | | |
|---|---|---|---|---|
| **Ramaiah University of Applied Sciences** | | | | |
| **Department** | Computer Science and Engineering | **Programme** | B. Tech. Computer Science and Engineering | |
| **Semester/Batch** | 6th /2017 | | | |
| **Course Code** | CSC311A | **Course Title** | Database Systems | |
| **Course Leader(s)** | A. Prabhakar, Gp Capt N Rath VSM, Ami Rai E. | | | |

| Assignment | | | | | |
|---|---|---|---|---|---|
| Register No. | | | Name of Student | | |
| Sections | | Marking Scheme | Max Marks | First Examiner Marks | Second Examiner Marks |
| Part A | A.1 | Functional and data requirements | 02 | | |
| | A.2 | Implementation of database tables | 03 | | |
| | A.3 | Implementation of the GUI | 02 | | |
| | A.4 | Connection of front end with the database | 02 | | |
| | A.5 | Conclusion | 01 | | |
| | | **Total Assignment Marks** | **10** | | |

| Course  Marks Tabulation | | | | |
|---|---|---|---|---|
| Component- 1(B) Assignment | First Examiner | Remarks | Second Examiner | Remarks |
| A | | | | |
| Marks (out of 10) | | | | |

Signature of First Examiner      Signature of Second Examiner

**Please note:**

1. Documental evidence for all the components/parts of the assessment such as the reports, photographs, laboratory exam / tool tests are required to be attached to the assignment report in a proper order.
2. The First Examiner is required to mark the comments in RED ink and the Second Examiner's comments should be in GREEN ink.
3. The marks for all the questions of the assignment have to be written only in the **Component – CET B: Assignment** table.
4. If the variation between the marks awarded by the first examiner and the second examiner lies within +/- 3 marks, then the marks allotted by the first examiner is considered to be final. If the variation is more than +/- 3 marks then both the examiners should resolve the issue in consultation with the Chairman BoE.

<u>**Assignment**</u>

**Instructions to students:**

1. The assignment consists of **3** questions: Part A –**1** Question
2. Maximum marks is **10**.
3. The assignment has to be neatly word processed as per the prescribed format.
4. The maximum number of pages should be restricted to **10**.
5. The printed assignment must be submitted to the course leader.
6. **Submission Date:** 27/03/2020
7. **Submission after the due date is not permitted.**
8. **IMPORTANT**: It is essential that all the sources used in preparation of the assignment must be suitably referenced in the text.
9. Marks will be awarded only to the sections and subsections clearly indicated as per the problem statement/exercise/question

**PART A**                                                                                    **10 Marks**

1.  Consider a system to manage the group project exhibition conducted by Faculty of Engineering and Technology in Ramaiah University. The database management system maintains details such as names of the participating students, project name, team leader, mentor, department, category of the project, and location of the table and room where the respective projects have to be displayed. Different login names should be provided for staff and students. Once they get their login details, they can register their details into the system. After registration, a message should be displayed to the students with group id and the room details allotted for the project. The application should have an option to cancel the registration if the students are submitting a cancellation request.

    Note: Assume appropriate data if required and discuss with the course leader.

The report should address the following:

**A.1**     List of functional and data requirements

**A.2**     Implementation of relational database schema with appropriate attributes, and constraints using SQL commands

**A.3**     Implementation of GUI with options such as login, registration, updating, and cancellation

**A.4**     Connection of front end with the database

**A.5**     Concluding remarks (Summary, limitations, improvements)

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