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| **Faculty of Engineering & Technology** | | | |
| **Ramaiah University of Applied Sciences** | | | |
| **Department** | Computer Science and Engineering | **Programme** | B. Tech. CSE/ISE |
| **Semester/Batch** | 6th/2020 | | |
| **Course Code** | 20CSC314A | **Course Title** | Web Architecture and Application Development |
| **Course Leader(s)** | Hari Krishna S M & Sahana P Shankar | | |

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| **Assignment** | | | | | | | | |
| **Register No.** | | |  | Name of Student | |  | | |
| **Sections** |  | **Marking Scheme** | | | **Max Marks** | | **First Examiner Marks** | **Second Examiner Marks** |
|  |  | Functional and Non-Functional requirements | | | 5 | |  |  |
|  | Design of the entity classes using E-R diagrams | | | 5 | |  |  |
|  | **Part-A Max Marks** | | | **10** | |  |  |
|  |  | Implementation of database | | | 5 | |  |  |
|  | Implementation of UI according to the design specifications | | | 6 | |  |  |
|  | Results and Comments | | | 4 | |  |  |
|  | **Part-B2 Max Marks** | | | **15** | |  |  |
|  | | **Total Marks** | | | **25** | |  |  |

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| **Course Marks Tabulation** | | | | |
| **Component-**  **1(B)Assignment** | **First**  **Examiner** | **Remarks** | **Second**  **Examiner** | **Remarks** |
| **A** |  |  |  |  |
| **B** |  |  |  |  |
| **Marks (out of 25)** |  |  |  |  |
| 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.

# Assignment

**Instructions to students:**

* 1. The assignment consists of **2** questions: Part A –**1** Question, Part B- **1** Questions.
  2. Maximum marks is **25**.
  3. The assignment has to be neatly word processed as per the prescribed format.
  4. **Submission Date:**

# Submission after the due date is not permitted.

* 1. **IMPORTANT**: It is essential that all the sources used in preparation of the assignment must be suitably referenced in the text.
  2. Marks will be awarded only to the sections and subsections clearly indicated as per the problem statement/exercise/question

# Scenario

A Pet boarding agency wants to reach out to more customers by providing an online platform for the pet owners to avail various facilities for their pets such as boarding, day care facility, pet’s day out, pool sessions, grooming etc. In this regard students are required to develop a web application to cater to the business needs.

# PART A 10 Marks

* 1. Identification of 6-10 Functional Requirements and 5 Non-Functional Requirements.
  2. Design of ER diagram for the identified functional requirements using DIA tool.

# PART B 15 Marks

**B1.1** Implementation of Database.

**B1.2** Implementation of the identified functionalities.

**B1.3** Screenshots of results and comments.

**Note:** Make appropriate assumptions to make the specification complete.

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