

Programme Name: \_\_\_\_\_\_\_\_**BCS HONS**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Course Code: \_\_**CSC 1403**\_\_\_\_\_\_\_\_

Course Name: \_\_\_\_\_\_\_\_**Database concept**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Individual Project**

Date of Submission: \_\_\_\_\_\_**9/22/2020**\_\_\_\_\_\_\_\_\_\_\_\_\_

**Submitted By: Submitted To:**

Student Name**: Dipesh Tha Shrestha** Faculty Name**: Amar Subedi**

IUKL ID: **041902900028** Department**: LMS**

Semester**: Second Semester**

Intake**: September 2019**

A. Study, Research and Design complete database design of any financial institution/University system or any others relevant system.

**Students may take references from below listed Sample systems:**

Ticket booking system

Library Management System

Store Management System

Inventory Management System

Blood Store Management System

Human resource management System

Tax Calculation System

Student Registration System

Student Grade Calculation System

Students must have to submit the report with following information

1. Introduction of the system and Organization that you aim to design the database.
   1. marks)
2. Requirement Analysis

Students must identify the Entity, Attributes, Relationships and Constraints.

* 1. marks)

1. Database Design

Students must design the E-R Diagram by showing all Entity, Attributes, Relationships and Constraints.

* 1. marks)

1. Convert design paperwork the E-R diagram into a real system.



Students must write SQL code for creating the database and all tables shown on E-R diagram.

* 1. marks) 5. Insert a minimum of FIVE (5) rows data into each table.
  2. marks)

6. Write database design issue faced while you creating database.