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|  | **Assignment No. 03 SEMESTER Spring 2021**  **CS403- Database Management System** | **Total Marks: 20**  **Due Date: 27-07-2021** |
| **Instructions**  **Please read the following instructions carefully before solving & submitting assignment:**  It should be clear that your assignment will not get any credit if:   * The assignment is submitted after due date. * The submitted assignment does not open or file corrupt. * The assignment is fully or partially copied from (other student or ditto copy from handouts or internet). * Student ID is not mentioned in the assignment File or name of file is other than student ID. * The assignment is not submitted in **.doc** or **.docx** format.  Uploading instructions Your submission must include:   * Assignment should be in **.doc** or **.docx** format. * Save your assignment with your ID (e.g. bx020200786.doc). * Assignment submission through email is **NOT** acceptable.  Objectives The objective of this assignment is:   * To be able to understand relational data model * To map ER diagram to relational data model * To be able to understand the syntax of SQL commands   **Note:**  Your answer must follow the below given specifications.   * Font style: “Times New Roman” * Font color: “Black” * Font size: “12” * **Bold** for heading only. * Font in *Italic* is not allowed at all. * No formatting or bullets are allowed to use. * Your answer should be precise and to the point, avoid irrelevant detail.   **Deadline**  Your assignment must be uploaded/submitted at or before **27th July, 2021**.  **Question Statement:**  Our third assignment is the continuation of our second assignment.  The solution of the second assignment, i.e., the Entity relationship diagram is given below. This ERD will serve as an input to solve the third assignment.  **Entity Relationship diagram (solution of second assignment):**      **You are now required to perform the following tasks according to above scenario.**   1. Map the ER diagram to Relational data model and link the relations through primary key and foreign key. 2. After mapping ERD to relational data model, you are required to write the SQL commands for each of the following statements. 3. Create a table named MessBill. You also have to define primary key and foreign key (if any). 4. Change the name of column from **Amount** to **billAmount** in MessBill table. 5. Insert one record in Admin table having data against each column (emp\_ID: emp01, Ad\_name: Ahmad, ad\_Gender: Male, ad\_email: ahmad@gmail.com, ad\_contact: 03001234567). 6. Delete all rows of table named Student. 7. Show the student id and student name of all female students.   **=====================================Ended=======================================**  **For any query about the assignment, contact at** [**CS403@vu.edu.pk**](mailto:CS403@vu.edu.pk)  **GOOD LUCK** | | |