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|  | **BAHRIA UNIVERSITY,**  **(Karachi Campus)**  *Department of Software Engineering*  **Spring 2022**  **COMPLEX ENGINEERING PROBLEM** |

COURSE TITLE: **Database Management System** COURSE CODE: **CSl-220**

Class: **BSE – 4(A)/(B)** Shift: **Morning**

Lab Instructor: **Engr. AYESHA KHAN** Date: **12- 6-2022**

Due Date: **5 -JULY-2022** Max. Marks: **30 Marks**

**Instructions:**

1. **This is a Complex Engineering Problem Lab Project.**
2. **Demonstration of Project will be by 5th July , 2021.**
3. **Hardcopies of the Report will be submitted on the same day**
4. **If you submit your Report after the given deadline then 5 Marks will be deducted for the late submissions.**
5. **Group Members Should be 3 or 2.**

Q1. Design and demonstrate software application based on real life problem scenario with GUI that uses SQL server at back end as primary source of database engine also perform CRUD operations. Moreover it should incorporate:

* Views
* Stored Procedures
* Triggers

**Project Management [CLO#02,10.0 marks]**

*Project Proposal* [ 5.0 marks]

*Project Report* [ 5.0 marks]

**Project Demonstration [CLO#01, 20.0 marks]**

*Concept Implementation* [ 5.0 marks]

*Demonstration* [ 5.0 marks]

*Presentation* [ 5.0 marks]

*Viva* [ 5.0 marks]