Note: submit your file in proper format starting from your name ending with enrollment last digits [Abc001]

**Question 1: [CLO1 6.0 Marks]**

 **BAHRIA UNIVERSITY (KARACHI CAMPUS)**

**(OEL-I) - SPRING 2022**

# DATABASE MANAGEMENT SYSTEM (CSL-220)

Class: **BSE 4(B)**

Course Instructor: **Engr. Laraib Siddique Submission Deadline: 28th June, 2022**

Lab Instructor: **Engr. Ayesha Khan** Max Marks: 12 CLO mapping: CLO 1

Sarah is graduating this year and hence will be applying for job as well. However, until then she is working as Database Engineer on Fiver. Recently she has got a project to create a web application for Germany based automobile company that assembles and ships their vehicles.

However, in initial sprint she has to deliver a module of Car details in which data saved in Database can be updated through application and also shown in web application using the best approach possible to cater this problem. Being a Software Engineer Sarah cannot ignore unmentioned non functional requirement of maintaining the performance and data integrity which leads to no loss of data uninformed. How will she make sure that this requirement is fulfilled as well.

**Note**: If you submit your assignment after the given timings then 3 **Marks** will be deducted for the late submissions (i.e. 28th June, 2022 4:30 pm ), **Zero** will be awarded to those who would not be able to submit till then.