

Computer Science Department
University of Computer & Emerging Sciences (FAST-NU)

HOME WORK ASSIGNMENT COVER SHEET

COURSE TITLE	DATABASE SYSTEMS	COURSE CODE	CS219
INSTRUCTOR	DR. EIAZ AHMED, Dr. KIFAYAT	<input type="checkbox"/> <input type="checkbox"/>	√ (Please tick)
ASSIGNMENT NO	HW-1 (Class)	Indiv.	Group
ASSIGNMENT	Blog Design & its Implementation		
HAND OUT DATE	05-OCT-2020	DUE DATE	26-OCT-2020
ESTIMATE TIME	8 Hours		

ASSESSMENT CRITERIA (or attached)	% Mark
Questions are attached (print copy) This HW includes the following tasks (Total Marks 5) Relational Model Tables Relational Model with Keys and Constraints Data access using SQL Submission: Only print submission is required. Any mistake or missing material will lead to the reduction of 5% marks. Group of max 3 students is allowed, individual work is discouraged with 10% deduction	

TO BE COMPLETED BY STUDENT (TEAM LEAD)	GROUP MEMBERS ID						
NAME _____	<table><tr><td>ID</td><td>Sec#</td></tr><tr><td>ID</td><td>Sec#</td></tr><tr><td>ID</td><td>Sec#</td></tr></table>	ID	Sec#	ID	Sec#	ID	Sec#
ID		Sec#					
ID		Sec#					
ID	Sec#						
ID NO _____ Section# _____							
Time Taken _____							
DECLARATION: I/We declare that this Coursework is my/our group's own work							
SIGNATURES (All members)							

GRADE/ MARK AWARDED	<input type="checkbox"/>	COMMENTS _____
INSTRUCTOR'S SIGNATURE _____		DATE _____

Brief:

A blog (a shortened version of weblog) is an online journal or informational website displaying information in the reverse chronological order, with the latest posts appearing first, at the top. It is a platform where a writer or a group of writers share their views on an individual subject.

In this home work, you need to select two blogs (any business blog, facebook, twitter etc.) to compare their features for initial design.

Describe the common features a blog will contains.

How those features can be expressed in terms of Relational Model tables with keys and constraints by follow up of Relational Database Approaches?

You need to provide a data set of your relational tables with diverse variety.

Also, describe how your relational model manages the old data which is not frequently accessible by the users.

Give sample users views to show data for external users such as System Administrator and Blogger.

A blog is developed using Web with platforms such as computer and mobile. Discuss an architectural approaches to technically describe the infrastructure of web-database system for some Enterprise. How to convince management of an Enterprise to manage software/ hardware equipment for the implementation and deployment of your proposed blog.