COMSATS University Islamabad (Lahore Campus)

Assignment 1– October 10, 2023

Course Title:	Software Engineering Concepts	Course Code:	CSC291	Credit Hours:	3
Course Instructor/s:	Dr. Junaid Akram	Program Name:	BSC/BCS		
Time Allowed:		Maximum Marks:			10
Important Instructions / Guidelines:					

CLO: <2>; Bloom Taxonomy Level: <Analyzing>

1. **Identify functional and non-functional requirements for a medium sized (duration 1 year) software system. Different software systems will be assigned to each group. The description of software under develop, will be provided to analyze the system.**
2. **Requirements should be written in detail by considering the factor "why" its functional or non-functional in your project**
3. **Propose a SDLC model that relate to the requirement and discuss its advantages and disadvantages if you consider it for your project**

Key Notes:
- It would be a group assignment
- The groups have already been formed, as we discussed in the classroom
- Every member in the group must have to participate in the assignment
- Deadline is Friday (20 October)
- Must mention your group members on the first page
- File name must be "section_group number"
- Submit all assignments to your CR in PDF, and CR will forward me all in a single email
- Avoid copy/paste, try to analyze the possible requirements on your own
- All systems should be web-based

Assigned Topis:

Group 1:   **Mobile Application Store**

Ubaid Irfan   FA22-BCS-012

Muhammad Sheraz Babar   FA22-BCS-048

Muqtasid Raza   FA22-BCS-052

Hamza khalid   FA22-BCS-060

Group 2.   **Payroll Management System**

Umer Munir (FA22-BCS-148)

Baseer Tahir (FA22-BCS-104)

Attique Rehman (FA22-BCS-164)

Muhammad Hassan (FA22-BCS-100)

Group 3   **Medical Reports Management System**

Laiba Maqsood Fa22-Bcs-124

Wahb Usman Fa22-Bcs-072

Zainab Shakeel Fa22-Bcs-140

Zain ul abiden FA22-BCS-020

Group 4.   **Event Management System**

Abdul moiz FA22-BCS- 040

Sana Kamran FA22-BCS-004

Muhammad Haris Imran FA22-BCS -084

Muhira Arshad FA22-BCS-132

Abdul Muqeet FA22-BCS-168

Group 5   **Waste Management System**

Muhammad Ali FA21-BCS-006

Fa21-bcs-041 Syed Aashir Imran

Fa21-bcs-044 Syed Noraiz Hussain

Fa21-bcs-059 Abdur Rafay

Group 6   **Gym Management System**

M. Ammaz Hussain. FA22-BCS-180

Hassan Tariq FA22-BCS-172

Khawaja Asad SP19-BSE-079

Subhan Kashif. FA22-BCS-187

ABDUL-UL-REHMAN FA21-BSE-080

Group 7   **Bakery Management System**

EMAN BILAL (FA22-BCS-088)

AKASHA MAQSOOD(FA22-BCS-160)

Zuhra khan (FA22-BCS-028)

Group 8   **Student Result Management**

Zohaib Ahmed (FA22-BCS-096)

Muhammad Umer (FA22-BCS-152)

Muhammad Faizan (FA22-BCS-136)

Talal Asif (FA22-BCS-064)

Syed Muhammad Mubeen Ali FA22-BCS-112

Group 9   **Attendance Management System**

Taha Talal Kayani FA21-BCS-092

Fawaz Ali Khan FA21-BCS-023

Saad Suleman FA21-BCS-053

KHAWAJA ASAD MOIN SP19-BSE-079

Group 10   **Parking Management System**

Muhammad Sarim FA22-BCS-128

Yahya Rizwan FA22-BCS-032

Abdullah Naeem FA22-BCS-036

Muzammil Abubakar FA22-BCS-116

Sikander Mukhtar FA22-BCS-008

Group 11   **Clinic Management System**

Talha Younas FA22-BCS-108

Arslan Imtiaz FA22-BCS-80

Muhammad Saad FA22-BCS-76

Ammaz nadeem SP22 BCS 130

GHULAM QADIR SP22 BCS 124