

Introduction to Human Computer Interaction

Assignment No. 2



Session: 2021

Submitted by:

Wali Muhammad 2021-SE-39

Submitted to:

Sir Umar Qasim

Assignment Title

Protocol Analysis

[Department of Computer Science]

**University of Engineering and Technology (New Campus),
Lahore.**

Protocol Analysis Report

Website Introduction

The University of Engineering and Technology, Lahore is a public university located in Lahore, Punjab, Pakistan specializing in science, technology, engineering and mathematics subjects. It is the oldest institute of engineering in Lahore. This is the Official website of The University of Engineering and Technology. This website is used for many purposes such as apply online admissions in UET, See Merit Lists and Other admission related details and administration purposes.

Website Link

The website link is provided below:

[UET Lahore | University of Engineering and Technology](https://www.uet.edu.pk)
<https://www.uet.edu.pk>

Website Pictures

Homepage

UET Lahore | University of Engineering & Technology

https://www.uet.edu.pk

Disclaimer Pakistan Journal of Engineering Alumni Library ORIC QEC CCO CEEC UET Academy Email Faculty Donate UET Contacts

UNIVERSITY OF ENGINEERING & TECHNOLOGY LAHORE 100 Years of Academic Excellence

Language ABOUT UET ADMINISTRATION EXAMINATIONS ACADEMICS ADMISSIONS CAMPUSES RESEARCH FACILITIES UET STUDENTS

PEC in collaboration with UET Lahore & American-based Society of Women Engineers (SWE) Organize CPD Short Course on

Coaching workshop on Leadership Styles for Challenging Dynamics (in Particular Female Engineers)

WEDNESDAY 9:30 AM TO 4:30 PM PHYSICAL PARTICIPATION

December 21, 2022

SEMINAR HALL, DEPARTMENT OF CHEMICAL ENGINEERING, UET LAHORE

RESOURCE PERSONS:

ENGR. PROF. DR. SAIMA YASIN
PRESIDENT PUNJAB AFFILIATE SWE US
CHAIR CHEMICAL ENGINEERING DEPT.

ENGR. PROF. DR. NAVEED RAMZAN
DEAN FACULTY OF CNPE
MEMBER GOVERNING BODY PEC

Chief Guest: ENGR. MUHAMAD NAJEEB HAROON, CHAIRMAN, PEC

Patron In-Chief: ENGR. PROF. DR. SYED MANSOOR SARWAR, VICE CHANCELLOR, UET LAHORE

Guest of Honor: MR. QASIM ALI SHAH, PHILANTHROPIST, WRITER & TRAINER

PEC CPD Head: ENGR. KHADIM HUSSAIN BHATTI

EVENTS AT UET Calendar View all Events

UET Lahore | University of Engineering & Technology

https://www.uet.edu.pk

14°C Smoke 9:30 pm

EVENTS AT UET Calendar View all Events

NEWS

2022-12-16 Applications are invited For the Asst. Registrar and Asst. Engineer Positions in the New Campus and Faisalabad Campus, UET Lahore

2022-12-12 Visiting Faculty required in the Department of Humanities, Social Sciences & Modern Languages, UET Main Campus

2022-12-12 UET Lahore Invites Applications for Post Graduate Programs

2022-12-05 Certificate Courses at UET Lahore

2022-12-05 [Empowering Teachers' Digital Teaching and Learning WEBINAR SERIES] - Building Educator Capacity Through Micro-credentials

University of Engineering and Technology KSK campus holds 1st International Conference on Electrical Engineering & Sustainable Technologies Read more










Federal Minister of Planning, Development and Special Initiatives Ahsan Iqbal inaugurates extension of Administration Block Read more

Proud Moment! UET wins Prime Minister's Flood Heroes Award Read more

UET Lahore | University of Engin... x +

https://www.uet.edu.pk

UET Officials Contact List

 324th By Subject QS University World Ranking	 51-100 Subject-wise Ranking Petroleum Engineering	 251-300 Subject-wise Ranking Electrical & Electronic Engineering
 301-350 Subject-wise Ranking Mechanical, Aeronautical, & Manufacturing Engineering	 351-400 Subject-wise Ranking Chemical Engineering	 351-400 Subject-wise Ranking Computer Science & Information Systems
 1st Country-wide Ranking Petroleum Engineering	 2nd Country-wide Ranking Chemical Engineering and Mechanical, Aeronautical, & Manufacturing Engineering	 3rd Country-wide Ranking Electrical Engineering

14°C Smoke 9:30 pm

Screenshot has been saved to Gallery

LATEST JOBS & INTERNSHIPS OPPORTUNITIES



Career

Financial Aid and Career Services



Scholarships

Financial Aid and Career Services



Financial Aid

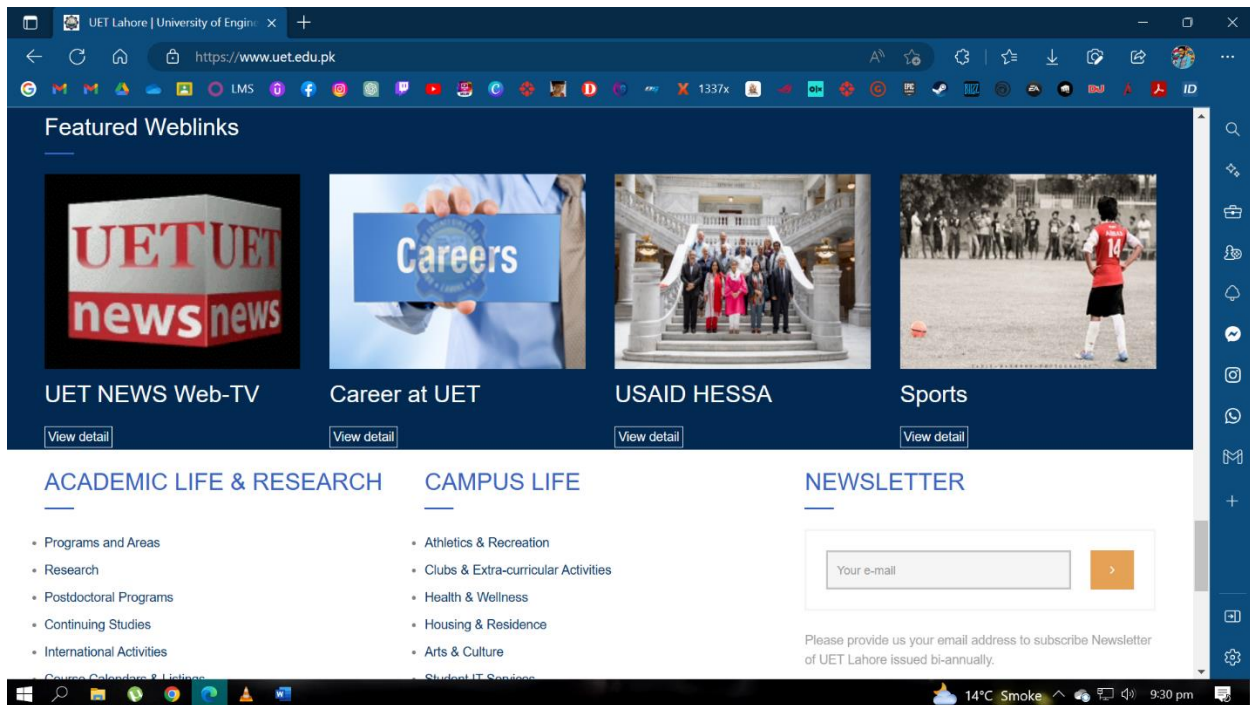
Financial Aid and Career Services



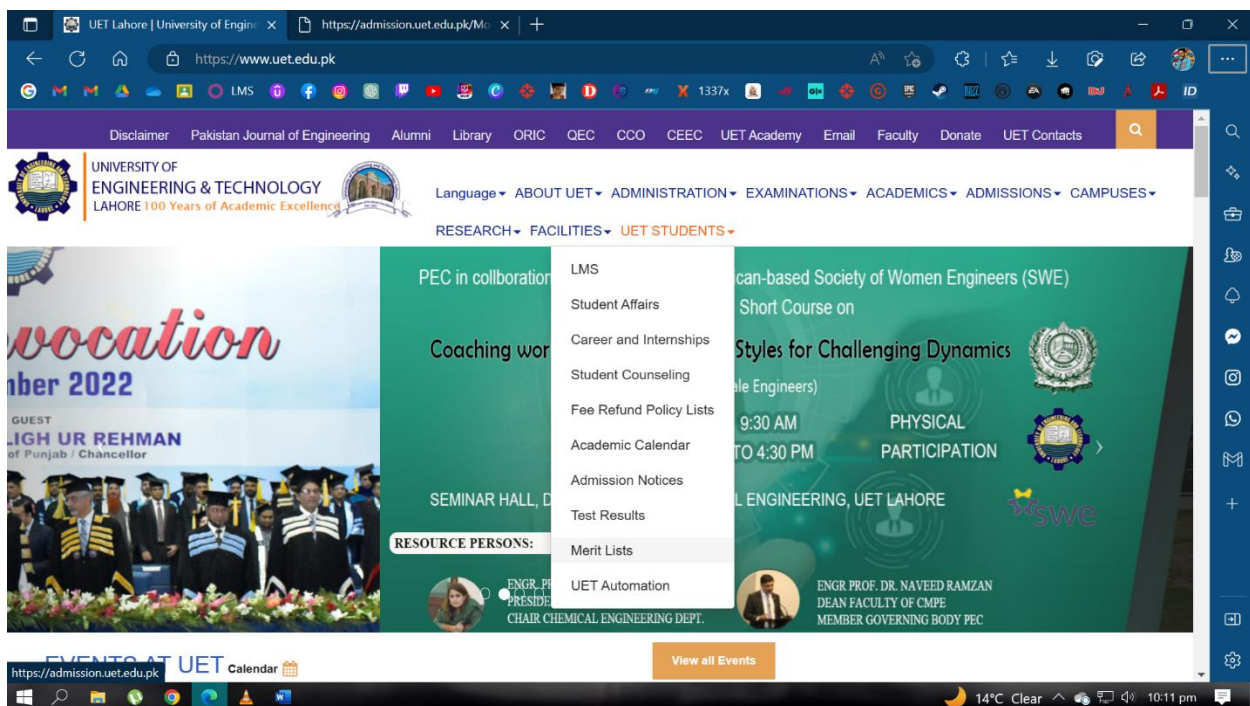
Student Loan

Financial Aid and Career Services





Navbar > UET STUDENT



UET Admission Portal

UET Lahore | University of Engineering & Technology Lahore

Admission - 2022 | داخلة 2022

M.Sc./Ph.D. Admission

Apply for Admission in M.Sc./Ph.D. Programs

For Registration, Click Here

UET Undergraduate Admissions

Final Merit List has been uploaded

1. All UET applicants are encouraged to check their enrollment again. Last date for submitting dues and documents is December 09, 2022

2. All selected candidates need to bring their original documents. List of documents is provided on page-28 of undergraduate prospectus

Aggregate Page

Sort By | Discipline

Discipline	Campus	Category	Minimum Aggregate
Architectural Engineering	LHR	A1	75.6227272727273
Architectural Engineering	LHR	A2	60.6909090909091
Architectural Engineering	LHR	NM	55.8159090909091
Architectural Engineering	LHR	S	53.6386363636364
Architecture	LHR	A1	75.3295454545455
Architecture	LHR	T	63.8613636363636
Architecture	LHR	SF	63.81818182
Architecture	LHR	N	63.7204545454545
Architecture	LHR	NM	63.1522727272727
Architecture	LHR	S	54.9659090909091
Architecture	LHR	A2	52.4659090909091
Automotive Engineering	LHR	A1	71.4272727272727
Automotive Engineering	LHR	A2	53.4295454545455
Bachelor of Business Administration(F.Sc. Based)	LHR	A1	74.3636363636364
Bachelor of Business Administration(F.Sc. Based)	RCET	NM	70.5454545454545
Bachelor of Business Administration(F.Sc. Based)	RCET	A1	68.8181818181818
Bachelor of Business Administration(F.Sc. Based)	LHR	NM	64.1818181818182
Bachelor of Business Administration(F.Sc. Based)	FSD	A1	61.9090909090909
Bachelor of Business Administration(F.Sc. Based)	NWL	A1	60.0909090909091
Bachelor of Business Administration(F.Sc. Based)	KSK	A1	60
Bachelor of Business Information Technology(F.Sc. Based)	LHR	A1	84.4545454545455
Bachelor of Business Information Technology(F.Sc. Based)	LHR	NM	69.7272727272727
Biomedical Engineering	KSK	A1-M	81.6136363636364
Biomedical Engineering	KSK	A1	70.0954545454545
Biomedical Engineering	KSK	A2-M	69.4590909090909
Biomedical Engineering	NWL	A1-M	66.2454545454546

Navbar > Campuses Page

UET Lahore New Campus

29th Convocation of UET Lahore

The students are directed to apply with the required documents to the Examinations Branch before 7th November 2022.

15th November 2022
09:00 AM to 05:00 PM
UET Auditorium Complex
Sessions 2017 | 2018 | 2019 | 2020

Bachelor in Architecture	2017
B.Sc. Engineering & Technology	2018
Bachelor in CRP, PID and BBA	2018
MBA 1.5	2020
MBA 2.5	2020
MBA 3.5	2018
MBA Finance	2020
MBA Executive	2019

Ph.D, M.Phil, MS, M.Sc. and MBA (Those candidates whose thesis was notified from 01-04-2022 to till date)

UET LAHORE welcomes all Participants and their parents on this occasion

For Contact: Muhammad Zargham Nusrat Controller of Examinations Phone: +92 42 9902 9235 (Fax: +92 42 9925 0202)

NEW CAMPUS DEPARTMENTS

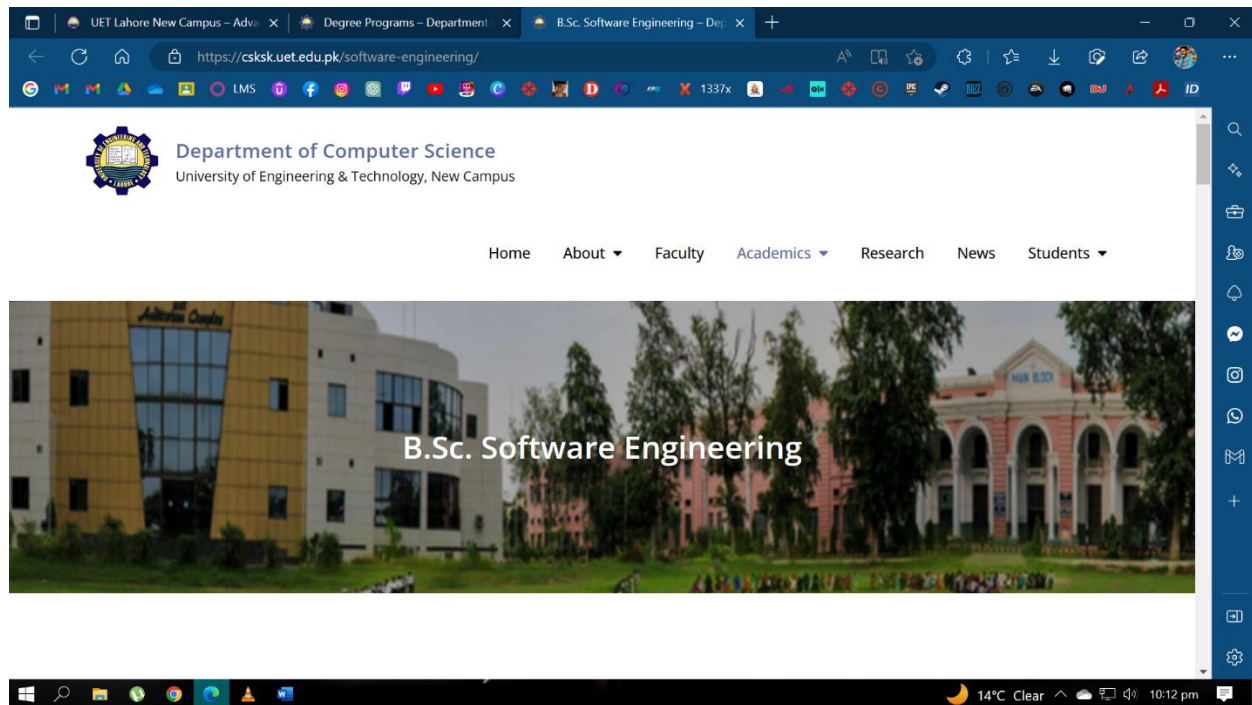
KSK Campus Page

Department of Computer Science
University of Engineering & Technology, New Campus

Home About Faculty Academics Research News Students

Department of Computer Science
UET established the Department...

BS Software Engineering Page



Learn More Page > Semester Plan

• Must have studied and passed the prescribed courses, totaling at least 133 credit hours.
 • Must have met the minimum CGPA (Cumulative Grade Point Average) requirement of UET

Semester Plan

Semester	Course Code	Course Name	C. Hrs.		Pre-req.
			Th.	Lab	
Semester-I	CS-102	Introduction to Computing (ITC)	3	1	None
	CS-161	Programing Fundamentals (PF)	3	1	None
	HU-102	Functional English (FE)	3	0	None
	MA-123	Calculus	3	0	None
	PHY-111	Applied Physics (APH)	2	1	None
	ME-100L	Workshop Practice (WP)	0	1	None
		Subtotal	14	4	
Semester-II	CS-162	Object Oriented Programming (OOP)	3	1	PF
	IS-101	Islamic and Pak Studies-I	3	0	None
	CS-163	Discrete Mathematical Structures (DMS)	3	0	None
	CS-165	Software Engineering (SE)	3	1	None
	MA-116	Linear Algebra and Differential Equations	3	0	Calculus
	QT-101	Translation of the Holy Quran	1	0	None
		Subtotal	16	2	
Semester-III	CS-261	Data Structures & Algorithms (DSA)	3	1	OOP
	SE-221	Introduction to Human Computer Interaction	3	0	SE
	SE-211	Software Requirement Engineering (SRE)	3	0	SE
	MA-343	Applied Probability & Statistics	3	0	None
			0	1	None

Protocol Analysis Tasks

Task 1

Description

Check the Merit list of BScs. Software Engineering year 2022 in UET through uet.edu.pk. online website.

- Task 1 is performed by 5 Subjects. Their recorded videos and Observation Process Task Written on pages Images is provided in the Zip file.

Task 2

Description

See the Semester plan of BSc. Software Engineering year 2022 through uet.edu.pk. online website.

- Task 1 is performed by 5 Subjects. Their recorded videos and Observation Process Task Written on pages Images is provided in the Zip file.

Protocol Analysis Questionnaire

Questionnaire have Introduction of the assignment and Task introduction section. User information is also asked in

There are 8 Questions asked in the Questionnaire and it is asked in the form given by:

☐ Strongly Satisfied ☐ Satisfied ☐ Natural ☐ Dissatisfied ☐ Strongly Dissatisfied

At the end of each Questionnaire feedback is asked by the user for the individual task performed.

Note: The Questionnaire are filled by individually from the subjects. Their report and images are provided in Zip-file.

Problem faced by Subjects/Users

Problem faced by Subjects/Users in performed tasks and their possible solutions are provided in the table below:

Problem	Solution
<ul style="list-style-type: none">• Search bar provided on Homepage is not working.	<ul style="list-style-type: none">• Search bar provided on Homepage should work properly and it should be visible.
<ul style="list-style-type: none">• Too much irrelevant information is provided on Homepage.	<ul style="list-style-type: none">• Only the important and latest information should be provided on Homepage and it should be well arranged and clean.
<ul style="list-style-type: none">• Too many options in Navbar.	<ul style="list-style-type: none">• Navbar options should be lesser. Only most used and important option should be provided
<ul style="list-style-type: none">• User visited many pages and links while doing the task manually.	<ul style="list-style-type: none">• The number of pages and clicked button should be less as possible.
<ul style="list-style-type: none">• No search bar provided on other pages.	<ul style="list-style-type: none">• A working search bar should be provided on other pages.
<ul style="list-style-type: none">• Very biased overall interface of website.	<ul style="list-style-type: none">• Website interface should be user-friendly.

Conclusion

In conclusion, this technique is very useful in finding out difficulties performing a task by a user on a website or system. It's quite effective technique in finding out the errors on the specific tasks performed by a user.

THE END