COMSATS University Islamabad, Lahore Campus
Department of Electrical and Computer Engineering

Assignment 2 – FALL 2024

Course Title:	Web Technologies		Course Code:	CSC336	Credit Hours:	3(2,1)
Instructor:	Muhammad Babar Ali		Office (email):	B-4 (babarali@cuilahore.edu.pk)		
Batch-Section:	FA22-A/B	Semester: 5	Program Name:	BS (Computer Engineering)		
Chapters/ Topics:	**Frontend Frameworks**		**Max. Marks:**	**15**	**Due Date:**	
Student's Name:			Reg. No.			

Important Instructions / Guidelines:

- Plagiarism of work from any source will be penalized and may result in zero out of 15 marks this assessment.

Question 1: [CLO2, PLO3 – Synthesis] **(Marks 15)**

Construct a page that resembles the web application assigned to you. Follow the instructions below:

- You are required to create one page, assigned to you. You do not need to develop linked pages.
- Use `React.js` and JSX. You may also use vanilla `CSS`, `Bootstrap` or both.
- Start an application from scratch using `create-react-app`↗ or `vite`↗ by deleting all unnecessary files as demonstrated in the first React.js lecture.
- You may use external UI libraries if you want, such as `Material UI`↗ or any of your choice, however it is not compulsory to use in the assignment.

Marks distribution

- Design and integrate↗ React.js component hierarchy↗ with states needed: 50% (7.5)
- Integrate CSS or Bootstrap for better UI/UX: 20% (3.0)
- Implement JavaScript interactions needed for better UI/UX: 20% (3.0)
- Submitting the assignment in due manner 10% (1.5)

Submission in due manner:
- Follow rules, recommendation and semantics of React.js.
- Submit your work in a single compressed file (.zip or .rar) via an online portal. Do not submit via email.
- DONOT INCLUDE `node_modules` FOLDER in the compressed file. Delete it before compressing the React application.
- Submitted compressed file must contain all source files along with additional assets/resources, if any.
- Submit compressed file must follow the naming pattern in practice, as given below:
  o The name of the compressed file must follow the pattern: *<BATCH-PROGRAM-ID>_<Task#>* with your details in the placeholders.
    ▪ For example, a student with *Registration ID* of FA22-BCE-001 will upload single file with name FA22-BCE-001_Assignment2

Good Luck ☺

S.No.	Registration Number	Name	Webpage
1	CIIT/FA20-BCE-085/LHR	MUSTANSAR ALI	https://www.routeperfect.com/germany
2	CIIT/FA22-BCE-003/LHR	MARIAM MAHMOOD	https://blog.linkedin.com/
3	CIIT/FA22-BCE-005/LHR	SANIA NAUMAN	https://www.daad.de/en/
4	CIIT/FA22-BCE-006/LHR	WADI UR REHMAN	https://blog.linkedin.com/
5	CIIT/FA22-BCE-007/LHR	BILAL HASSAN	https://www.daad.de/en/
6	CIIT/FA22-BCE-011/LHR	MALAIKA	https://blog.linkedin.com/
7	CIIT/FA22-BCE-014/LHR	MARYAM ASIF	https://www.daad.de/en/
8	CIIT/FA22-BCE-016/LHR	URWA KALEEM	https://www.nokia.com/innovation/technology-vision-2030/
9	CIIT/FA22-BCE-018/LHR	ABDUL HADI	https://www.technologyreview.com/topic/artificial-intelligence/
10	CIIT/FA22-BCE-019/LHR	MOMNA IFTIKHAR	https://www.nokia.com/innovation/technology-vision-2030/
11	CIIT/FA22-BCE-025/LHR	HADI AHMAD	https://www.technologyreview.com/topic/artificial-intelligence/
12	CIIT/FA22-BCE-028/LHR	ALIYAN AHMED CHEEMA	https://www.nokia.com/innovation/technology-vision-2030/
13	CIIT/FA22-BCE-030/LHR	MUQADAS IMTIAZ	https://www.technologyreview.com/topic/artificial-intelligence/
14	CIIT/FA22-BCE-036/LHR	AWAIS UR REHMAN	https://www.study-in-germany.de/en/plan-your-studies/steps/
15	CIIT/FA22-BCE-039/LHR	ABDUR REHMAN	https://www.grammarly.com/blog/
16	CIIT/FA22-BCE-041/LHR	ARHAM JAVED	https://www.study-in-germany.de/en/plan-your-studies/steps/
17	CIIT/FA22-BCE-042/LHR	MUHAMMAD ABDULLAH BIN KHALID	https://www.grammarly.com/blog/
18	CIIT/FA22-BCE-044/LHR	MUSFIRAH SHOAIB	https://www.study-in-germany.de/en/plan-your-studies/steps/
19	CIIT/FA22-BCE-045/LHR	JUNAID ZAHEER	https://www.grammarly.com/blog/
20	CIIT/FA22-BCE-046/LHR	GHULAM FATIMA	https://www.gatesnotes.com/All
21	CIIT/FA22-BCE-047/LHR	HASSAN KASHIR	https://pakistan.com/
22	CIIT/FA22-BCE-051/LHR	OMAMA MUKHTAR	https://www.gatesnotes.com/All
23	CIIT/FA22-BCE-052/LHR	AHMAD NAWAZ	https://pakistan.com/
24	CIIT/FA22-BCE-053/LHR	AYESHA BUTT	https://www.gatesnotes.com/All
25	CIIT/FA22-BCE-058/LHR	ABDUL MOEEZ	https://pakistan.com/
26	CIIT/FA22-BCE-061/LHR	ABDUL HANNAN	https://www.lufthansa.com/us/en/homepage
27	CIIT/FA22-BCE-063/LHR	ABDULLAH EJAZ	https://bookkaru.com/
28	CIIT/FA22-BCE-064/LHR	MUHAMMAD ALI FAISAL	https://www.lufthansa.com/us/en/homepage
29	CIIT/FA22-BCE-066/LHR	ABDULLAH ASIF	https://bookkaru.com/
30	CIIT/FA22-BCE-069/LHR	ABDUL REHMAN BUTT	https://www.lufthansa.com/us/en/homepage

S.No.	Registration Number	Name	Webpage
31	CIIT/FA22-BCE-070/LHR	SANA ASLAM	https://bookkaru.com/
32	CIIT/FA22-BCE-071/LHR	ALI HAMZA	https://www.daraz.pk/laptops/
33	CIIT/FA22-BCE-073/LHR	MINAHIL	https://www.gatesnotes.com/Computer-vision-is-helping-fight-malaria
34	CIIT/FA22-BCE-074/LHR	MUHAMMAD HARIS ASIF	https://www.daraz.pk/laptops/
35	CIIT/FA22-BCE-075/LHR	ABU BAKAR YASIR	https://www.gatesnotes.com/Computer-vision-is-helping-fight-malaria
36	CIIT/FA22-BCE-076/LHR	MAJID KHAN	https://www.daraz.pk/laptops/
37	CIIT/FA22-BCE-077/LHR	MUHAMMAD FAIZAN	https://www.gatesnotes.com/Computer-vision-is-helping-fight-malaria
38	CIIT/FA22-BCE-078/LHR	MUHAMMAD AYAAN NAZIRI	https://www.dawn.com/tech
39	CIIT/FA22-BCE-082/LHR	MAHA CHAUDHARY	https://www.studyinturkiye.gov.tr/StudyinTurkey/StudyinTurkey
40	CIIT/FA22-BCE-083/LHR	MUHAMMAD TALHA ALI BUTT	https://www.dawn.com/tech
41	CIIT/FA22-BCE-084/LHR	HASSAN MAHBOOB	https://www.studyinturkiye.gov.tr/StudyinTurkey/StudyinTurkey
42	CIIT/FA22-BCE-085/LHR	MUHAMMAD TAYYAB	https://www.dawn.com/tech
43	CIIT/FA22-BCE-087/LHR	HAMAS AHMAD FURQAN	https://www.studyinturkiye.gov.tr/StudyinTurkey/StudyinTurkey
44	CIIT/FA22-BCE-088/LHR	RAZEEN ABDUL GHAFOOR	https://triptile.com/cities/rome
45	CIIT/FA22-BCE-089/LHR	SYED DANIYAL HUSSAIN	https://www.routeperfect.com/germany
46	CIIT/FA22-BCE-093/LHR	RANA SAAD SAFDAR	https://triptile.com/cities/rome
47	CIIT/FA22-BCE-099/LHR	ABDUL REHMAN	https://www.routeperfect.com/germany
48	CIIT/FA22-BCE-102/LHR	ALI RAZA CHAUDHRY	https://triptile.com/cities/rome