BAHRIA UNIVERSITY (KARACHI CAMPUS)
Software Project Management (SEN-410)
ASSIGNMENT # 2 – Fall 2024
Based on: CLO-2

Class: **BSE-7A/B**   Submission Deadline: <mark>**14th Nov 24**</mark>

Course Instructor: **ENGR. MAJID KALEEM**   Max Marks: **04**

Instructions:

1. Mention all sources in the <u>References</u> section at the end.
2. Unload <u>MS Word (.docx)</u> version of your assignment.
3. Identical (copy-paste) assignments will be awarded <u>zero</u> marks.
4. Use proper paragraphing, headings, bullets, illustrations, etc. to ensure clarity in writing.
5. Violating any of these instructions may result in deducting marks.

1. Question 1:

Comparative Analysis of Project Management Techniques

Objective: Evaluate the depth of understanding of comparing and contrasting different software project management techniques.

Task: Choose two distinct Software Project Management techniques (e.g., Agile and Waterfall) and provide a comprehensive comparative analysis. Discuss the strengths and weaknesses of each technique in the context of different project management life cycle phases. Illustrate your analysis with real-world examples where each technique excelled or faced challenges. Finally, propose scenarios where one technique might be more suitable than the other based on project characteristics.

2. Question 2:

Integrating Multiple Techniques for Complex Projects

Objective: Assess the ability to integrate and apply multiple Software Project Management techniques in complex project scenarios.

Task: Consider a hypothetical complex software development project that involves aspects of both traditional and agile methodologies. Propose a project management

strategy that seamlessly integrates various techniques across different phases of the project life cycle. Justify your choices, addressing how the selected techniques complement each other and contribute to the overall success of the project. Discuss potential challenges in implementing a hybrid approach and propose mitigation strategies. Support your arguments with references to industry best practices and case studies.

Note: Support your answers with the help of illustrations/diagrams/tables etc.

Good Luck!