INT6940

Team Signature Assignment: Project Reflection

Purpose

Being able to apply the methods/techniques used in this course to new situations is an important aspect of this course and begin drafting the model report. The purpose of this assignment is to allow you to deepen your knowledge of multiple techniques introduced in this course or learn a different one. In addition, working with others is an important part of today's work environment. You will work in groups of 3 - 4 classmates to complete the assignment.

Program Competencies
- Computational Knowledge and Skills
- **Advanced Information Technology (Software, Application, and tools) / Innovation & Design Thinking**
- IT Management Agility
- IT Leadership, Governance, Policy, and Ethics

Program Learning Outcomes: PLO2. Design and Execute an applied or investigative work that draws on a multidisciplinary approach to research and analysis in Informatics

Course Learning Outcomes: This assignment is directly linked to the following key learning outcomes from the course syllabus:

CLO1: Transform ideas to results using the appropriate cross-functional technical design and development solutions
CLO2: Develop a "Strategic Consulting Mindset" to resolve business problems innovatively with design thinking
CLO3: Integrate multidisciplinary teams, prioritize work, and deliver results using the appropriate Project Management Frameworks
CLO4: Demonstrate successful delivery of continuous value by incorporating lean value management

Week	Deliverables Description	Module Due	Points-20 (20% of overall course grade)
10	Team Signature Assignment: XN Project Reflection (Map to Course Learning Outcomes	5	20

Final Model Report (Module 5)

Submit a final report with following structure:

A. Cover Page (with Title and name of group participants)

B. Executive Summary: this will introduce the objective(s) of the project and main results. This section is the basis of your presentation.

C. <u>Introduction</u>: The introduction should describe the problem, the technical stack selected, specific tools applied for technical solution, the data set(s) and specific technique(s) involved. Try to answer questions such as how did you approach clarifying the stakeholders' requirements, the approach taken to come up with the solution(s) to meet the stakeholder needs, specific solution(s) recommended, what specific experiment(s) you identified and explored, what challenges you ran into in your team's experiments, what made the project's topic interesting and relevant for any professional in the Informatics discipline.

D. <u>Method and Implementation</u>: Describe what you did, how you did it and why you did it. Please include the high-level information in the main report body. And then include detailed information in appendices, such as:

- Include User Persona, User Experience Journey map, Web Design wireframes, Empathy or mood maps, Entity-Relationship model, UML diagrams such as class interaction diagrams, sequence diagrams, and deployment diagrams, security and privacy considerations, project delivery framework, communication protocol, risk management processes, etc. (Note: Not all these artifacts are applicable, please include what is relevant to your project).

- Code snippets are fine to be part of the Appendix. Please ensure you provide non-technical representation/ context when including Code snippets.

- If data sets were used, describe the process of acquiring and cleaning the data. Describe the logic behind your analysis, the tools you used, the reasoning for using the chosen tool, and how you used the tool.

E. <u>Key Findings and Discussion</u>: Explain your results (the most important part of your report). Make appropriate use of graphs and tables to support your conclusions. This is not a place to simply copy and paste the output of the commands and functions you used. Instead, reflect on the results achieved, experiments passed or failed, and lessons learned. List your thoughts on what would you do differently in the future if you were to work on a similar project. Remember, this is not an individual reflection but a team reflection.

F. <u>Conclusion:</u>

G. <u>References:</u> Incorporate references used in your project following the APA citations. Both in-text citations in the text wherever references are used, and compilation of all references incorporated in the paper at the end are required. Please follow APA citations.

H. <u>Appendices (if applicable)</u>

I. <u>Tables and Figures (if applicable)</u>

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Please refer to the Rubric in Canvas.