ALYAMAMAH UNIVERSITY

COLLEGE OF ENGINEERING AND ARCHITECTURE

DEPARTMENT OF SOFTWARE ENGINEERING

Project

Foreign Exchange Management System

(**FXMS**)

SWE 301 – Software Requirements Engineering

Spring 2023–2024

Dr. Noureddine Abbadeni

Part 1: Project planning - Foreign eXchange Management System (FXMS)

Deliverables:

1. / System request (1 page)
2. / Feasibility study – technical + Economic - (2 pages)
3. / Methodology (1 page)
4. / Project Workplan (MS project or a similar tool)

Rules:
- Each group is responsible for visiting the professor during office hours to validate their work before the deadline given below.
- Students who do not validate their work before the deadline will be penalized
- Students who present non-serious work to the professor will be penalized.

Deadline: February 20th, 2024

Based on the description of the FXMS project, you are asked to do the following:

1. / Produce a system request for the FXMS project. Make sure the business needs, the business value, the business functionalities, and the constraints are clearly presented. Use the provided template.

2. / Produce a feasibility study from a technical and economic point of view using the methods seen in class. Show clearly the risks taken in the project from both angles. Use the templates available in slides or the examples provided.

3. / Select the most appropriate methodology that suits your project given the following criteria – Clarity of requirements, Complexity of the project, Familiarity with technology, Short-time Schedule:
- First, you need to judge each of these criteria with respect to the project and to your team.
- Then, select and justify the most appropriate methodology (ies) for each criterion separately.
- Finally, select the best methodology (ies) that suits all or most of the criteria..

Make use of the table provided in the slides.

4. / Produce a high-level project workplan of your project. <u>Use a project management tool</u> (such as MS Project Manager or other tools).

Note. Always perform a **peer review** within the team to ensure the quality of your work, before you present your work to the professor for a **formal review**.