COMP 015 – Fundamentals of Research
BSIT Capstone Project Concept Paper

The preparation of a capstone project concept paper is an essential academic requirement under the Fundamentals of Research subject as it guides the students of in identifying a relevant, feasible, and research-oriented topic to be used in their Capstone Project. This concept paper serves as an initial platform for students to articulate a real-world problem, justify the need for an information technology–based solution, and demonstrate their readiness to undertake a full-scale system development project.

Project Type	Group (composed of maximum of 4 members)
Objectives	The concept paper aims to provide students with a structured and research-driven foundation for their capstone project. Specifically, it seeks to: • Identify and clearly define a real-world problem that can be addressed through an information technology–based solution aligned with BSIT program outcomes. • Establish the relevance and feasibility of the proposed project within the academic, institutional, industry, or community context of PUP. • Guide students in formulating clear objectives and a preliminary system concept that are logically aligned with the identified problem. • Develop students' research, analytical, and technical writing skills as preparation for full capstone proposal development. • Provide a basis for faculty evaluation and approval to ensure that the proposed capstone projects are original, methodologically sound, and achievable within the prescribed timeline.
Expected Output	An approved and well-defined capstone project proposal that presents a clear problem, aligned objectives, and a feasible IT-based solution to serve as the foundation for full system development.
Requirements	*See concept paper template*

RUBRICS FOR GRADING

Criteria	Excellent (4)	Good (3)	Fair (2)	Poor (1)	Weight
Title & IT Relevance	Clear, specific, system-oriented, and strongly aligned with IT domains	Relevant but needs minor refinement	Broad or weakly system-focused	Not IT-related	10%
Background of the Study	Clearly establishes the IT problem, context, and need for a system solution	Adequate context with minor gaps	Limited or unclear problem context	Unclear or missing	10%
Statement of the Problem	Well-defined, logical, and solvable through an IT system	Mostly clear but needs refinement	Vague or partially system-related	Not researchable or system-based	15%
Objectives of the Study	Specific, measurable, and aligned with IT system development	Generally aligned with minor issues	Partially aligned or unclear	Misaligned or missing	10%
Review of Related Literature (RRL)	Relevant IT studies, systems, and technologies; well-synthesized	Relevant sources but limited synthesis	Few, outdated, or weakly related sources	Missing or irrelevant	15%
Proposed IT System / Solution	Technically feasible, appropriate, and responsive to the problem	Feasible but lacks clarity in features	Somewhat feasible but vague	Unrealistic or unclear	15%
Scope and Delimitations	Clearly defines system features, users, and limitations	Generally clear with minor gaps	Incomplete or unclear	Missing or confusing	10%
Methodology (IT-Oriented Overview)	Appropriate research and system development approach clearly stated	Generally appropriate but lacks detail	Limited or partially appropriate	Inappropriate or missing	5%
Technical Writing & Format	Clear, coherent, and follows required format	Minor writing or format errors	Frequent errors	Poorly written	10%
TOTAL					**100%**