

PROJECT INFORMATION

Project Title			
Technology Area			
Project Team	Name of Team Members		Main Responsibilities
	1		
	2		
	3		
	4		
Keywords (max. 4)	1.		2.
	3.		4.

Abstract

This section should provide a summary of the proposed research project. The summary should provide a coherent, clear and concise description of the research activity. It should describe the objectives and methods to be adopted the proposed research. It should be informative to other persons working in the same or related fields and understandable to scientifically/technically literate lay readers.

1. INTRODUCTION

The introduction should provide a brief background of the research project, briefly explaining the importance of the research being proposed, scope of work and conditions in which the project will be executed. A description of expected results should also be provided as well as an enumeration of fields/areas, and the extent of, their utilization.

2. PROJECT OBJECTIVES

This section should include a clear statement of the objectives of the research being proposed as well as enumerate assumptions, as appropriate. The objectives should be precisely and clearly defined **what is the question that this proposal addresses** and the significance of expected results. It should be coherent, well planned and **linked to tangible and measurable deliverables**.

3. LITERATURE REVIEW

This section includes the background for context and should explain the significance of the **research issues involved**. Details of the **state of the art** in the research field should be briefly included with references. It should clearly identify the gaps in knowledge that the proposed research will address. At least 10 articles are expected to include in literature review.

4. DESCRIPTION OF THE PROPOSED WORK

This should provide sufficient information of the work to be undertaken and describe in details **how the research questions raised by this proposal be tackled**. It should outline the general plan of work, including the broad design and methodology that will be adopted, and, where appropriate, provide a clear description of experimental methods and procedures as well as expected outcomes. The content of this section should be structured under the following headings:

4.1 Approach, tasks and phases: Details of the approach utilized to achieve each objective of the project should be clarified and illustrated (**Table 1**). Research tasks and activities should be divided into groups of assignments, listed in logical sequence, and linked with the project objectives to be achieved (**Table2**).

TABLE 1: APPROACH UTILIZED FOR ACHIEVING OBJECTIVES

Objective	Approach of achieving the objective

(Approaches include Study and Identifying problems, research planning, mathematical analysis, experiments etc)

TABLE 2: MAPPING OF PHASES AND TASKS TO ACHIEVE OBJECTIVES

Objectives	Phases	Tasks

4.2 Research methodology, including procedures and techniques to be used with explanation why these are considered the most suitable to the research in question; detailed description of the experiments and measurements; as well as methods to be used in data collection, analysis, and interpretation. A summary of potential pitfalls and constraints that may be faced and alternative plans that may be adopted in tracking such challenges.

4.3 Management Plan, indicating **how each member** of the project team would be involved in executing specific tasks relating to the project (**Table 3 – only applies for more than one member research project**). "MS Project" software will be used. The various elements of the intended work plan; with phases, related tasks and outcomes, assignments, responsibilities should be included in Table 4 and Figure 1.

TABLE 3: ROLE AND INVOLVEMENT DURATION OF RESEARCH TEAM

Team Members	Role
:	

4.4 Project Deliverables: This should provide a clear statement of the **expected real, tangible and measurable outcomes** of the proposed research project.

5. REFERENCES

References should be cited in the standard style used in scientific/technical publications. Links to online versions may be provided together with dates on which the material was accessed.

TABLE 4: PROJECT WORK PLAN

PHASES & TASKS	INVOLVEMENT DURATION	1	2	3	4	5	6	7	8	9	10	11	12
PHASE I	Participation (Member name for a specific task. For single member project, this column is not necessary)												
Task 1.1:													
Task 1.2:													
PHASE 2													
Task 2.1													
Task 2.2:													
PHASE 3													
PHASE 4													

In TABLE 4, 1, 2, 3, 4 represents month number considering that you have 12 months (i.e., 3 semesters with REA605, REA705 and REA802 to finish capstone project)

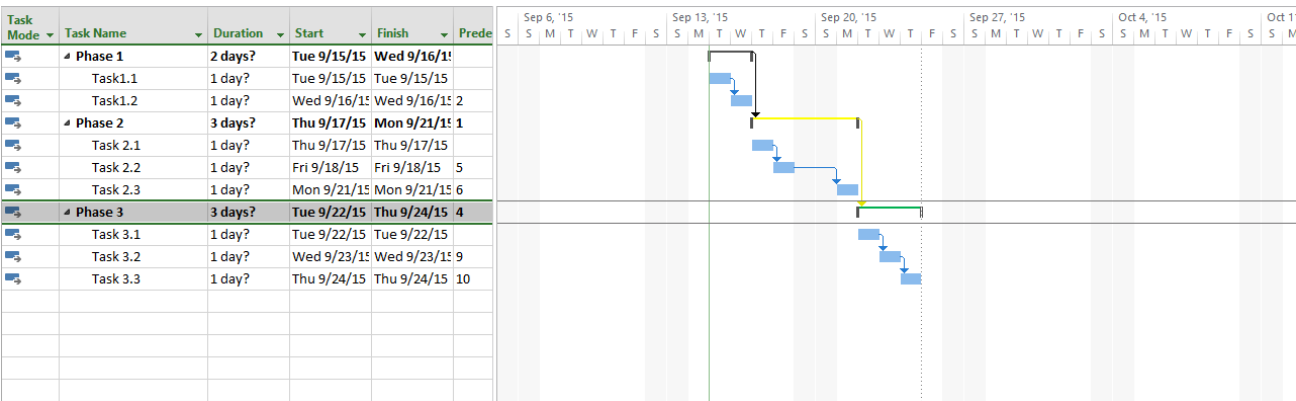


Figure 1 Project Plan