ENEL3CCH1: Computer Methods 3

Software Project 2022 - Phase 1 Overview

University of KwaZulu-Natal

Phase 1 Overview:

Create a project plan for your team's solution to the given project specifications. The phase 1 report must provide context, direction and planning for the implementation.

- Page limit: **two pages** (Introduction to Conclusion).
- Be concise with your ideas.
- No unnecessary information.

Project Team Size:

This project is to be completed in **groups of TWO**. Team selection will be done through moodle. Students are urged to organize themselves before the selection is launched; each group should decide on a team leader. The team leader will be responsible for submitting project files (Phase report, solution, demos, etc.). **Only one student in each group should submit.**

The group leader may submit enquiries to the tutor, Craig – 216027785@stu.ukzn.ac.za.

Phase 1 Requirements:

The phase 1 rubric is attached at the end of this document. The students are strongly advised to follow the given rubric for headings and content focus.

Additional notes:

- Reference relevant sources using the IEEE format. DO NOT INCLUDE REFERENCES OF THINGS YOU DID NOT USE IN THE REPORT. Include as much information as possible when citing (vague sources will not be counted).
- Write in 3rd person. This is a technical report in the same vein as a Design report.
- Appendices will be used as supplementary material. It should NOT form part of the required reading of your report (the report should make sense without reading them).
- Limit the verbosity. A short but concise paragraph is better.

ENEL3CC 2022 Phase 1 Rubric

Title	Description	Question	Mark (%)
Introduction	Provide an introduction that creates context for the work to be performed.	Does the introduction create sufficient context for the project?	10
Project Planning/Objectives	Identify the end goal of the project based on the given description and provide a preliminary plan of the project.	Does the project plan create an acceptable framework for a deliverable? Does the end goal of the project create a sufficiently complex challenge for the students?	40
Project Addons: Tools/Software/ **APIs**/Libraries	Describe what addons will be used throughout the project, how they work and will be used.	Are the addons, identified and described, acceptable in terms of working/industry standards and **course requirements**?	20
Project Management	Describe when the different phases of the project will be complete with the help of a Gannt Chart. **Provide the separation of work between students.**	Is the project plan adequate and realistic? Is the separation of work and tasks balanced?	15
Conclusion	Provide a succinct and well-written conclusion that summarises the contents and highlights important points and conclusions in the report.	Does the conclusion provide an adequate summary of the contents of the report? Does the conclusion discuss the important findings in the reporting?	10
References	Provide a complete list of references in **IEEE format**. Only include references cited in text. References should appear in the order referenced.	Are the references all cited, in the correct order, in IEEE format? Are the references from acceptable sources with the relevant information?	5