comp7570 Grid & Cloud Computing

Project No. GCC-F16-97-103
My Cool GCC-F16 Project
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Course Project Proposal

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Executive Summary

Include in your summary of the proposal, the following:

1 Introduction and Motivation

In this section you should introduce the problem at a high-level and give motivation for why it is important or interesting. You may assume that the reader has familiarity with Grid & Cloud Computing.

2 Background and Related Work

Describe other approaches that have been taken and highlight which parts of these approaches will be incorporated in the project, and what new approaches might be studied.

In order to complete this section properly, you should do a literature search on your topic and list the relevant references together with their advantages and disadvantages and how your project evolves as a solution to the problem. You should only cite appropriate references and include a short bibliography.

3 Specific Problem Statement

As precisely as possible, state the problem that will be investigated. You may want to break it down into several well-defined subproblems. The more precisely you can state the problem, the more likely you are to achieve a good result.

Make any assumptions you may have want to, and justify them.

It is important that you explain the problem statement clearly. Frequently, examples are very important.
4 Proposed Solution Strategy and Implementation

Outline your solution to the problem. You need to present sufficient (all though not all) details to demonstrate your ideas. Try to break down your solution into several well-defined components, when necessary.

Describe how you will implement your ideas and solution strategy. Give any highlights in this process.

5 Resource Requirement(s)

Most projects will require some experiments to validate the approach for some selected benchmarks. In this section, you should outline your experimental approach.

- What experiments you will do (be precise)?
- What resources are required?
- How are you obtaining them?
- What background knowledge you have or will acquire in using these resources?

6 Timeline of Activities

Tabulate your anticipated activities for this course project in a chronological order mentioning all the components of the project. For example, you might need to collect data, might need to study few papers as related work, in addition to your own implementation and experimentation. Include all such activities and time spent for each of these activities.

Following this section, some of the prior works that you have cited should be listed under the title: References.

References