

Some hints about the full version project proposal

The aim of the project is to setup a Campus-wide Grid Computing (CWGC) system. With this system, students/users can submit their computational tasks through a Web portal. The tasks will be executed on the computers in the student computer labs, when the computers are idle.

There are many way to schedule the tasks. For example we can schedule the tasks, which are not urgent, to be executed from 11:00 pm to 6:00 am. For the urgent tasks, they can be executed whenever the computers are idle.

In this exercise, you can image as if I am asking you to implement such a system, say in eight weeks. I ask you to prepare a proposal to tell me how you will do it.

You need to read materials on grid computing (there are many websites on this topic). You need to write a literature review to put it in the section of **BACKGROUND** in the template that I provided. Remember the literature is particularly related to this project. Not for the general Grid Computing.

You need to set up a web portal, you need to set up a CRM system to manage the users (including who can or cannot log in); you need select the right middleware to implement the system (Do you know which middleware are available? What the middleware for? You should have explained them in the section of **BACKGROUND**); you need to test the system (how?), you need to document the system, etc. These can be in the section of **SCOPE**

You need to find out how you can implement the system. You put your methods and approach to the section of **METHODOLOGY AND APPROACH**.

You should follow the template and instructions in the template closely.

What is the proposal that I am looking for? What do you want to achieve in the proposal?

You need to show me that you are the person who has the knowledge to implement the system and you know how to do it. Also, I can see that you can do it perfectly within the time frame that you will specify in the section of **DELIVERABLES AND PROGRAM SCHEDULE**

I hope these hints can help you.

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[Additional information](#)

[I will select one or two students from this class to setup the system during the summer. The students will be paid at the same rate as other summer studentships. Let me know if you are interested in it.](#)