PROJECT

Everyone will do the same project. The title is "Data structures and algorithms needed for regulating Bitcoin"

Starting helpful material:

1. Mastering bitcoin: Programming the Open Blockchain by Andreas Antonopolous
2. Regulating Libra: The transformative potential of Facebook's cryptocurreny and possible regulatory responses by Dirk Zetzsche et al.

(2) is provided here, (1) can be purchased, a free earlier version is available from Github, but I recommend that you get the second ed.

Team size: 3

Proposal due date: Feb 10, 2020 midnight via the Canvas

Proposal format: It should consist of one page , one-sided, written using 10 point Times New Roman font / similarwith 1" margin on all sides of a Letter size page.

The first line should say Project Proposal. The second line should say the three students' names. Less than 3 is fine. More than 3 is not fine.

Then, under the title INTRODUCTION there should be a description paragraph of the Bitcoin reflecting that the authors have analytically read both the references mentioned above. The paragraph should end suggesting that even though the real incentive for Bitcoin was to avoid regulatory agencies but we will address the question 'How bitcoin algorithms/data structures will change if it is regulated?". Then, it should say that in this short paper, we will propose a new data structure or an algorithm to make it possible to regulate Bitcoin.

In the next short paragraph, it should discuss the individual roles of each team member. You can make up the roles that show about equal amount of work, but divide the work such that if one person works harder and better than the other, s/he can get better grade than the other.

In the end should be the two above references (you can add one more optionally). Use APA style in-text citation and references.

Rubric: All components present with no grammar or spelling errors   30%
APA-style in-text citation of at least the above two sources   (if correct)   10%
APA-style references for the above two sources   (if correct)   10%
Knowledgeable description of Bitcoin (mentioning its prominent algorithms by name)   30%
Knowledgeable description of Regulating showing the thorough knowledge of the Libra paper 20%

If you do a better job than asked, you could get more than 100%. No figures/diagrams/tables/code.