Debased SRS Feedback

Nice start on this! There is good breakdown and description for all the sections. The introduction provides the reader with a good idea of what the application does. The diagram shows the interrelationship between the “nodes”, and the blockchain part shows the blocks in their chain.

Somewhere in the document you should define what a “node” is and why there are so many different paths between them. Is a node a data item, a table, a record, or a machine in the distributed architecture, or is it something entirely different? A picture is worth 1000 words, so showing how the nodes relate to the blocks on the blockchain would also help.

For the functional requirements sections, my comments can be summarized in the word “more”. You need more “meat” in these to reflect the “what” that you are building. You have a very good start, but there is a lot that is left unsaid. For example all your requirements should mention the specific subsystem CSC to which each requirement applies; “The subsystem shall encrypt messages” is pretty broad, so it helps to say, “The **Peer-to-peer network** subsystem shall encrypt messages.” Further, there needs to be more information about *what method* of encryption will be used. This can be in another shall statement, or it can be in a “will” statement under that requirement. If you are using RSA-256, that should be specified. If you are using TCP/IP as the transfer protocol, THAT should be specified. There should be a ***LOT*** more depth to the requirements in section 5.3.1.2, since there are a variety of P2P protocols that could be used, and each one has specific details that need to be stated. In 5.3.2.1 you say that the blocks shall be linked. What happens in a brand new blockchain? What creates the first block? How are the nodes you mentioned attached to the block?

It goes on and on, as you see. Fill in LOTS more details by the end of the semester for full credit on this assignment.