Term Project – Milestone Three

Requirement Changed

Innovative EDucation (IED) presented the second prototype of UVSim to Utah Valley University (UVU). A validation and verification meeting was held involving all the stakeholders. The following are the meeting outcomes.

(1) (10 points) The second prototype of UVSim meets the basic needs of UVU requirement. UVU will continue the contract with IED. UVU concerns the quality of UVSim, and worries about some of the key quality issues may be ignored during the development. UVU request IED to provide a document to illustrate how IED controls the quality of the product and process when developing UVSim. The document needs to be two pages long with single line spacing, 12 pt font size.

(2) (40 points) The following increments are required. UVU think the edit environment of UVSim is not user friendly. The main problem is if the input is wrong, even just by one byte, the entire program has to be re-put again through the current IDE (Integrated Development Environment). UVU has requested the following functions to be added to the final version of UVSim.

> a) Add a text field so that the user can edit the input source file by insert, delete, cut, paste, etc.

> b) User can load, save source file from disk.

> c) UVSim should handle 6 digits decimal calculation without expend the word size (4 digits).

(3) (20 points) IED agreed to perform unit testing to improve the quality of UVSim. IED will provide unit tests for two classes.

(4) (15 points) UVU think some of the non-functional requirements are missing. IED agree to list 3 non-functional requirements.

(5) (5 points) Decompose Milestone to backlogs and sprints.

(6) (5 points) Meeting logs and contribution form with signatures.

(6) (5 points) Provide a Readme.