

## 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) (20 points) 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) Multi processes. (feasibility study)

(3) (10 points) UVU think the current UVSim developed by IED is using the interpretation mode, but UVU request translation mode and should provide .obj file. Oops! This could be huge change for the whole project including giving up the current design and implementation. IED need to negotiate with UVU for continuing this project. Missing information ...

(4) (15 points) UVSim can handle 6 digits decimal calculation without expend the word size (4 digits).

(5) (20 points) IED agreed to perform unit testing daily to improve the quality of UVSim. IED will provide all the unit test cases for the n-bits full adder in their final document for the baseline.

(6) (10 points) IED is using CCB (Configuration Control Board) to manage the development of UVSim. CR (Change Request) is need for every change in baseline. Please update all the document and submit in the final version. The updated document should include Use Case Diagram, Class Diagram, List of Functional Requirement, Test Cases.

(7) (10 points) UVU think some of the non-functional requirements are missing. IED agree to list 3 non-functional requirements.

(7) (5 points) Decompose Milestone to backlogs and sprints. Screen print the backlogs and sprints. Submit Meeting logs with signatures.