Validation Policy

In our documents we have validated every element of contents in a separate Validation section at the end of the document or near to it.

Machine Design will have at the end of the document a Validation section which includes the Validation of High Level Specifications and the Validation of the System Level Requirements, also adding Validation to Design Priorities.

Software Specification Document will have a Validation section that will contain the validation of the Inputs and Outputs, the Relation of Inputs and Outputs, the Description of States, the State Transitions, the Finite State Automaton and the UPPAAL model.

Software Design will have a Validation section close to the end of the document being afterwards followed by the Program Code. The Validation will contain the validation of the java code to the transition table( from the Software Specification), validation of the timerMange function ( this function needed separate formal proof for its inner loop) and Control flow validation.

Software Implementation and Integration Document will have at the end a Validation section containing validation of the PHP code to java and the validation of the Assembly code to the PHP compiler.

Conclusion

Product to Problem