7/30/2010

















COSYSMO SEA LEVEL CONCLUSION

It has been shown that the *sea level* analogy developed for use cases provides a useful framework for the decomposition of system requirements from the customer to the contractor's system-of-interest. Leveraging off this framework, summary level requirements can be broken down into user level requirements. These user level requirements are then used to estimate the amount of systems engineering hours associated with the requirements. The guidance provided can help organizations uniformly count the *# of system requirements* for accurate use in COSYSMO. With this framework clearly delineated, it can lead to extensions for the three other size drivers in the model. Finally, counting rules were shown to significantly improve the predictive abilities of requirements in different experiments. While more work needs to be done to refine the counting rules for COSYSMO size drivers, significant progress has been made thanks to the support of INCOSE member companies and USC CSE13 Affiliates.

















