

Using SysML to Design a Web Platform for Veteran Skill Development

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The views expressed herein are those of the author and do not reflect the position of the United States Military Academy, the Department of the Army, or the Department of Defense.

Abstract: Systems engineering is applied to planning, designing, and implementing intelligent solutions across many disciplines. In this paper, a model-based systems design process utilizing the Systems Modeling Language (SysML) and the Systems Engineering V² is used in the development of a web platform aimed at improving the U.S. military transition process. This research produces an integrated SysML model, representing the blueprint of the system, which will subsequently be utilized in the development of the web-based platform in later phases of development.

Keywords: System Design, Model Based Systems Engineering, Entrepreneurship