

Streamlining Space Training Mission Operations with Web Technologies

An approach to developing integral business applications for large organizations

Karen Au, Samuel Santiago
NASA Ames Research Center,
Intelligent Systems MCT Inc.
Moffett Field, CA
Karen.Au@nasa.gov,
Samuel.Santiago@nasa.gov

Richard Papasin, May Windrem
NASA Ames Research Center,
Intelligent Systems NASA Moffett Field, CA
Richard.Papasin@nasa.gov,
May.N.Windrem@nasa.gov

Tristan Le
NASA Ames Research Center,
Intelligent Systems Dell Systems
Moffett Field, CA
Tristan.Q.Le@nasa.gov

Abstract— Over time, a multitude of disconnected tools have been developed for the National Aeronautics and Space Administration (NASA) mission operations training support around existing specialized organizational processes. The

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Scheduling, Training Administration, and Records (STAR) web application was introduced as an integrated system to provide a singular source of information and flexibility for process changes. Methods for quickly developing a cost-effective, sustainable enterprise web application that encompasses many complex operational functions are discussed.