

**DEVELOPMENT OF A PROCESS ASSET LIBRARY
FOR SOFTWARE ENGINEERING PROJECTS**

A Research Report

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**GRADUATE STUDIES
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By

Jay Parreño Alegata

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ABSTRACT

In software development, managing project artifacts is one of the best practices of software engineering in order to keep track project activities, provide evidences of software processes, easy adaptation to changing customer goals and initiating improvements. These practices made large organizations invest in developing a sort of project repository or library to capture useful documents and experiences referred to as 'assets'. The development of a process asset library for software projects is a result of integrating various asset libraries of software companies and universities. Software engineering has been focused on producing software that satisfies statements of user requirements and through this library, these project artifacts will provide traceability for the developed software products. It will keep track project artifacts through versioning and monitoring of useful assets from projects. Senior SE students that underwent software development can share their learning experiences, problems and project issues within the library. These shared experiences of students can improve their performance and increase their productivity in managing their own software projects in the future.