

Title : Work Attendance Record System

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ABSTRACT

Tradition Brokers (Thailand) Co., Ltd., Chiang Mai Branch, Registration No. 00001, has an internal system for recording employee work attendance. However, the existing system was built using outdated technologies that are no longer the company's primary focus and do not align with the company's software development standards. As a result, long-term maintenance and support for the system have become increasingly difficult.

To address these issues and enhance maintainability, the company has decided to develop a new system using its primary technology stack: Scala, with Apache Pekko, a framework based on the actor model architecture and PostgreSQL as the relational database management system. The new system is designed to retain the original functional and non-functional requirements while enabling future improvements and easier maintenance.

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