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Module 6.2

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With their previous system at Blackboard, which was a legacy J2EE codebase, a lot of things kept becoming more and more complex, and feedback time was anywhere from twenty-four to thirty-six hours. In 2012, they decided to begin implementing a code re-architecting project using the strangler fig pattern. This project allowed developers to work in separate modules that were separated from the monolithic codebase and accessed through fixed APIs. This requires less coordination and allows each person to work more individually. Using this project, their monolithic code base began to decrease in size as they began to move their code into the modules source code repository.

Giving employees the opportunity to work more independently increased productivity as they didn’t have to check with each other as much throughout the building process. Using the separate modules helped eliminate some of the compatibility issues that could occur if there was not proper communication between developers. Quicker turn around times helps customer satisfaction increase by decreasing wait times for bug fixes. This also caused developers to begin committing more frequently and consistently. Continuous development helps maintain a high quality codebase and can help improve general workflow overall.