Abstract

Software testing is one of the most important parts of the software development. It also takes too much time to complete, because there are test cases are used for the testing of the software. So data mining techniques are used to improve the performance of the testing by reducing the size of the test cases. In this paper a Parallel Early Binding Recursive Ant Colony (PEB-RAC) System technique is presented with automated testing to provide an efficient way of the software testing. A result analysis is shown in the result section, this analysis shows that proposed technique provide better result as compare to the other technique.

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**Index Terms**

Computer Science
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**Keywords**

Optimization techniques, testing approach, auto case generation, SDLC