

Test planning and test design in software testing

Dao Thi Mai

Abstract: This topic focuses on determining the necessity of the planning process and designing effective tests during software development. The main objective is to build an automated testing system to ensure software product quality. The research method combines theory with experimentation to evaluate the performance and reliability of the proposed testing system. The expected results will make an important contribution to improving the software development process, thereby enhancing the competitiveness of companies in the information technology field.

Keywords: Software testing, test planning, test case design, automated systems, software quality