Abstract

Testing impacts the popularity of any software and hardware products. If proper testing of any product is done it will increase the cost and sale of the product. Mobiles are widely used electronic device there are several mobile companies established which provide variety of applications and features. It is obvious that people attract on the model that provides new features and comparatively less cost than others. If any problem arises in mobile application, it will affect the selling and impacts bad result. This problem arises when proper testing is not done. To test any product, test cases are used. It shows all possible paths it needs to cover by the software. This paper proposed a TCBAD model for mobile application. TCBAD model generates test cases on the basis of the activity diagram where activity diagrams are used in representing the workflows of stepwise activity and actions with support for choice, iteration and concurrently the complexity will be calculated using Cyclomatic complexity.

References
Test Case Generation based on Activity Diagram for Mobile Application

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**Index Terms**

Computer Science
Software Engineering
Keywords
Unified Modeling Language  Test case Generation  and Cyclomatic Complexity