Abstract

This is new mobile world; lots for even the simplest mobile application there can be many Navigational Paths. The challenge at Design phase is to identify all possible paths, generate code and validations for each one of them. Generating all possible test paths and test cases are difficult to achieve and need lot of manual efforts. In this paper we tried to generate possible navigational path using Design documents, so that Development and QA team get all the possible number of test cases in Design Phase itself. This will help to Estimate and analyze the actual project scope and timeline. QA Team save time as they do not have to generate paths manually and thereby reducing Navigational bugs getting detected and ensuring enhanced Path Coverage.

References

Generating all Navigational Test Cases using Cyclomatic Complexity from Design Documents for Mobile Application

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Index Terms
Computer Science
Software Engineering

Keywords
Test cases  Cyclomatic Complexity  Navigational Path  Mobile Application  Design Document.