

VALIDATION OF SOFTWARE PRODUCTS (OBJECT-ORIENTED TECHNIQUE) USING WITH FACILITATE QUALITY ATTRIBUTES- A HOLISTIC APPROACH FOR SOFTWARE QUALITATIVE DESIGN

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ABSTRACT

Based on existing work (Testing Tool: “A full featured component based architecture testing tool”); which draws a comprehensive architecture of testing method, and based on their attribute nature shows their relationship or behavior of attributes in terms of object oriented [34]. This research work includes a case study on “snaker game” for validating architecture tool, based on object oriented testing characteristics. The tool identifies attributes and correlate with object oriented testing method at class level architecture which provides quantification and justify for testing quality attributes based on different software matrices on each component(class).

KEYWORDS: Architectural Completeness, Architectural Quality Attribute, Architectural Metrics