

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011047259 A

(19) INDIA

(22) Date of filing of Application :29/10/2020

(43) Publication Date : 13/11/2020

(54) Title of the invention : MACHINE LEARNING TECHNIQUES USED TO OPTIMIZATION OF TESTING

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(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Software testing is a vital and basic movement in software development that arranges software quality. Nonetheless, the testing procedure is devouring exercises that should be automated to spare a considerable measure of assets. Towards automated testing, computerizing experiments age as the primary testing process is being featured. The huge part of automated testing methods is that it helps accelerating the conveyance of administrations of the items to the market with little odds of misfortune, and builds the product esteem. In the event that the reason for existing were to diminish the costs and drawing nearer to innovation, at that point testing automation would be a pivotal decision. The objective of this paper is to examine the Genetic Techniques in test case generation from UML diagrams and to enhance the comprehension of UML chart based testing systems. Also implement the different machine learning algorithm like MA and SFF.

No. of Pages : 6 No. of Claims : 5