

# TEST AUTOMATION GUIDELINES

TEST AUTOMATION HELPS IN MINIMIZING THE TIME FOR THE DEVELOPMENT CYCLE, REDUCING THE EFFORT FOR REPETITIVE TASKS, AND IMPROVE THE SOFTWARE QUALITY. A GOOD TEST AUTOMATION STRATEGY WOULD ALWAYS AIM AT GAINING A HIGH RETURN ON INVESTMENT. HERE ARE SOME GUIDELINES FOR TEST AUTOMATION WHICH ONE MUST FOLLOW.

## DETERMINING THE TEST CASES TO AUTOMATE

REPETITIVE TESTS THAT ARE PRONE TO HUMAN ERRORS, IMPOSSIBLE TO RUN MANUALLY BECAUSE OF TIME AND EFFORT, MUST BE AUTOMATED

### STEP 01



## DIVIDING THE AUTOMATED TESTING EFFORTS

CALIBRATE THE AUTOMATED TESTING EFFORT BASED ON THE SKILL AND KNOWLEDGE OF YOUR TEAM MEMBER

### STEP 02

## CHOOSING THE RIGHT AUTOMATED TESTING TOOL

CHOOSE THE TOOL BASED ON YOUR REQUIREMENTS FROM THE RANGE OF AUTOMATION, WHICH ARE ALREADY AVAILABLE IN THE MARKET



### STEP 03



## CREATING GOOD QUALITY TEST DATA

### STEP 04

CREATE TEST DATA THAT YOUR AUTOMATION TOOL CAN UNDERSTAND AND SAVE IN DATA STORAGE SO THAT IT CAN BE EASILY MAINTAINED AND REUSED WHEN NEEDED

## CREATING CHANGE-RESISTANT AUTOMATED TESTS

CREATING CHANGE-RESISTANT AUTOMATED TESTS AND CONTROL YOUR REPETITIVE TESTS BY PROVIDING UNIQUE NAMES FOR THE NEW VERSION OF THE APPLICATION

### STEP 05

