

# QUALITIMES

A QUALITY THAT DOES NOT CHANGE WITH TIMES

Volume 3 Issue 7

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## Editor's Choice...

Editorial Panel

- Geeta S
- Jyoti R
- Sunmeet S
- Venu M

(Want to be a part of the panel. Forward your interest to: [qualitimes@qualitreeinc.com](mailto:qualitimes@qualitreeinc.com))



Charanjeet S Minhas

Once wandering humans perhaps started to live in groups, tribes and villages came into being. Sowing and cultivating became more organized with time and emerged as agriculture. Harvesting grew taller in significance because so much stood on it: answer to food needs, economic prosperity and happiness of families and villages, and the well being of the livestock.

It is not surprising therefore that it rang in celebrations and an annual festival related to it came into existence in all regions around the world. In Punjab, India, it became famous as Vaisakhi.

However, in 1699, on this festival day an historic milestone catapulted it into eternity. Tenth and final Sikh Guru Gobind Singh founded Khalsa Panth, Sikh religion, and gave its male and female members new surnames of Singh and Kaur.

Today Sikh religion is the fifth largest religion in the world and the followers worldwide are known for their generosity and enterprise. India's prime minister and the army chief are both Sikhs.

Punjabis all over the world celebrate Vaisakhi with a lot of passion. Punjab's folk dances of Bhangra and Giddha help lending cultural meaning to its ebullient lyrics and rhythms. Food and drinks that follow, and also go along with, bring out Punjabis' appetite and aptitude for life!

Punjabi and Sikh Diaspora has big presence in Western hemisphere and it is not surprising to see them rejoicing on this day wherever they are. Even their friends and neighbors, regardless of their ethnicity, color and creed, join in the fun!!!

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Has anything to share - We are all ears!!! Please send in your articles to: [qualitimes@qualitreeinc.com](mailto:qualitimes@qualitreeinc.com)

# RISK BASED TESTING - PART II

## Rajnish M

There could be many factors which can be considered while calculating risk. Here I have taken two main factors as mentioned below:

Risk = Impact \* Probability of Failure

### What Impact Means

Categorization of Impact suggests the Impact on business process if any functionality failed. In testing, if any category (C, H, M & Low) of script failed to execute. For example if test scripts categorized as High failed to execute it will cause a high impact on business process while a low category of test scripts will cause a low impact. Hence it is very important that we get the appropriate categorization from Business Team defining business requirement.

### Why we need Impact defined

Adding "Impact" column in Test Scenario and test case inheriting from Business Requirement Document has following benefits including help in RBT analysis:

- This will get us method of identifying the High Risk area within application
- We will have a controlled risk taking approach
- It will provide data points to identify regression Test scripts
- It will be a great tool for identifying the candidate for automation
- It will get us the tool for Risk Based Testing Approach
- This will be the only tool to reduce the scope of retesting and re-executing test scripts
- This will help in defining the "Severity" of the defects while in execution phase

Risk quantification that assists in focusing on overall scale of impact of each risk, also referred to as the 'level of damage' potentially caused by the change. This is an estimate of the overall scale of impact if a defect related to the change were found in production.

- **Critical impact - 5** - The problem would cause to stop all major/critical functioning of application. Results in large loss of revenue. Related defect would impact the inability of any Business Unit or any End User to receive services (i.e. customers are unable to complete transactions).
- **High impact- 4** - Application or transaction that causes significant disruption to production (i.e. customers are not directly affected but back end system not performing).
- **Medium impact - 3** - progress disrupted with large extensions to project schedule and cost, across short and medium terms (i.e. customers are not directly affected but change was made affecting other code. Time and research needed to resolve problem).
- **Moderate impact - 2** - progress disrupted with manageable extensions to short-term schedule and cost (i.e. customers are not affected. For example, field added for the business does not work as designed).
- **Marginal impact - 1** - exposure slight (i.e. cosmetic error).

### What is Probability of Failure?

- This section is primarily owned by IT. It suggests failure of coded functionality due to various reasons like Code complexity, Business Complexity, System Architectural design, Impact of peripheral system etc.

(To be continued...)

# The World of Music

## Kirit Minhas

Music is a universal language. It doesn't matter if you are a violinist from Russia and you're playing a duet with a cellist from Italy. You just have to practice the music and you will be able to play the duet like you and the cellist are neighbors, even though you live miles and miles away from the person. Sure, you will have to talk a little bit about the rhythm to the violinist and about some measures they might need to practice in the music. But overall, there is no communication!

Music is like anything else in the world. It's a career, it's a hobby, etc. Music is many things, but to one person it may mean a career. To another person it may mean a hobby. To me it means a lifelong hobby, maybe a career, a past time, and many other things you can't really say in words. Music is something you can study theoretically – you can spend your whole life studying the theory of music, but never learn every single amazing thing about it. Music can just be you and your instrument. You can also just play your instrument and then learn all about it. Music can basically be anything you want it to be – you choose!

When I play my instruments (violin, clarinet, and piano) I develop a special connection to them. Sometimes I get so into my music that I forget I'm even playing! But, music requires a lot of practice! I mean ALOT! If you are reading this at age 38 and you want to learn an instrument – GO AHEAD! Just know in your head that you will have practice, practice, practice! (Especially since you started so late! Shame on you!)

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# Three Cheers !!!



*Punches, pulls and bumps!!*

- April 1 - Bharath H
- April 4 - Adarsh
- April 8 - Kousalya J
- April 13 - Karoline P
- April 17 - Navin K
- April 17 - Julian S
- April 24 - Madhu G
- April 26 - Venkat L
- April 27 - Priya K

## JAZZY AND CHARISMATIC MEMORIES



Its celebration time as Qualitree Delaware get together to celebrate

Prasad M's **3?**

Birthday. Qualitimes wishes him a fun filled year ahead.

Its "Holi Times" - Time for masti and lots of fun!

Qualifiers enjoying the festival painted in Red, Green, Yellow and Blue...

## HOLI HAI !!!



## JUMBLE

EBGAD	○ ○ ○ ○ ○
LAASI	○ ○ ○ ○ ○
WAARED	○ ○ ○ ○ ○ ○ ○
FEAWR	○ ○ ○ ○ ○
MUSRC	○ ○ ○ ○ ○

Participate and win; the first correct entry wins a gift of \$10.00\*.

Send in your completed entries to: [jumble\\_qualitimes@qualitreeinc.com](mailto:jumble_qualitimes@qualitreeinc.com)





Plot 220&221, Jigani Bommasandra Link Road  
 Bangalore - Karnataka  
 India - 560105  
 Ph: +91 80 67033999

18 Shea Way, Suite 101                      1699 Wall Street Mount  
 Newark - DE                                      Prospect - IL USA - 60056  
 USA - 19713                                      Ph: +1 847 640 8448  
 Ph: +1 302 709 5900

45 Bramalea Road                              63-C Model Town,  
 Suite 208    Patiala Punjab  
 Brampton - Ontario                              India - 147001  
 Canada - L6T2W4                              Ph: +91 175 2226363  
 Ph: +1 647 428 4470

[www.qualitreeinc.com](http://www.qualitreeinc.com)

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Music is something that I love so much because it is something that I can get into. I can play for thirty minutes and feel like not a minute has passed by. I love it when I play something on one of my instruments, and I do it perfectly. It feels like I accomplished something really big. When I started doing three instruments, I was happy with myself that I could actually balance doing three almost totally different instruments. If you yourself are a musician you can probably understand how I'm feeling.

Music is one of the best things that ever happened to me. What is the best thing that happened to you? Send your articles in right now to [qualitimes@qualitreeinc.com](mailto:qualitimes@qualitreeinc.com).

Answers to last month's Jumble:

- DREAD
- TROLL
- DONGLE
- FLAMER
- CODEC

**Last Month's Winner:**  
*Oops...No correct entries.*

Other correct entries:  
 No correct entries.

Answers to last month's Word Puzzle:

- HAMANTASCH
- HEARTH
- ARTHRALGIA
- TRIDENT
- TELEOST

**Last month's winner:**  
**Srikanth K.**

Other correct entries:  
 No correct entries.



- A custom mobile application development organization (focused on providing custom mobile application development services to its customers across North America) from the Ontario province of Canada ties up with Qualitree to offshore the testing (manual and automated) of their mobile applications.
- Upendra R joins the sales and marketing team in QSPL, Bangalore. A very warm welcome from all in the Qualitimes team and wishing him all the success and luck.
- Qualitree continues its relations with one of the large retail banks in the United States by adding more software testing resources to the already existing teams.
- Successfully empanelled in the principal vendor's list for the State IT Department of Maryland in the United States.

# Word Puzzle

In the following word puzzles, a word starts and ends with the same letter. Figure out the words and win\*

1	_BBLIGAT_	
2	_LUR_	
3	_USURRU_	
4	_RIM_	
5	__NOREXI_	

\* Send in your entries to "[qualitimes@qualitreeinc.com](mailto:qualitimes@qualitreeinc.com)" with the subject "Word Puzzle"  
 The first correct entry wins a gift of \$10.00