

# QUALITIMES

A QUALITY THAT DOES NOT CHANGE WITH TIMES

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## Editor's Choice...

# White House Invitation

Editorial Panel

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

**Charanjeet M**

It is a real and rare honor to get an invitation from the White House. The invitation only turns sublime when you are not an elected representative or a celebrity of any color or flavor but a first generation immigrant from India still struggling, after fourteen years, to answer when someone asks, "so, you are all set in US now?"

It was difficult for me to believe it when I received one. My first reaction was that it was another spam mail like ones that promise to grow your body parts, bank account, or inform you of the will left in your name in never heard part of the world.

The only reason I guess I did not delete it was because it said, "The White House Office of Public Engagement cordially invites you to a celebration of Vaisakhi Affirming the achievements and contributions of the American Sikh community". I am a Sikh and Vaisakhi (usually on 13th April) is the day in 1699 when the last and tenth Human Sikh Guru laid down the foundation of the PanthKhalsa, the Order of Pure ones.

By the time, I believed that the invitation was for real; I had got another message. "Dear Charanjeet, unfortunately the Vaisakhi program will not be able to proceed as planned. Please stand by for an invitation to a future community celebration in the coming weeks...", it said. It had to happen, I told myself, because otherwise it was too good to be true.

Normally, a common man like me would go to town telling about such invitation; for some reason, I had not done it, and it was one of those times when my laziness was rewarded. True to its word, the White House rolled off another invitation soon after.

"The White House Office of Public Engagement cordially invites you to a program celebrating more than a century of achievement by the American Sikh Community...", the invitation for Friday, July 12 said.

The attached form that came with it needed to be filled up with all the personal information and sent back as RSVP. This excel sheet was like an expense table to me because I had a ticket to fly out to India on July 11.

Most of the readers would agree that paying \$450 to change India travel itinerary to July 14 was justified, especially in the light of joy on my ten-year-old son's face when my request if my family can come as well was granted. I am not a suit and tie guy despite my many years in them in one of the best boarding schools of India.

My single malt scotch and kebabs' extra layers on the body further help me in keeping the 'harness' away. However, it was one of those times when all sweeteners, adjectives, becoming an obedient listener, failed to budge 'my dear, honey, most beautiful lady in the world,...' wife from her order that it is suit and tie, and that is it!

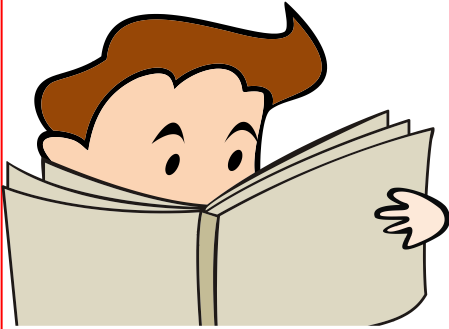
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(Want to be a part of the panel. Forward your interest to:  
qualitimes@qualitreeinc.com)

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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)



# Issues To Cover in Mobile App Testing



By Abhishek G

For everybody who uses a smart phone or tablet apps are indispensable. An app is an application that is developed for a specific environment. Within the mobile context, the commonly used name is mobile app. App technology has been well known since the commercial launch of the iPhone in 2007. With the release of the Apple App Store, Comparable app stores for other operating systems, such as Android Market, Nokia Store, BlackBerry App World, Mac App Store, Samsung Apps. This article will show four main issues that have to be dealt with by mobile app testing and the basic requirements needed. Furthermore, it will describe the integration of testing methods in an agile development model.

The main issues that have to be covered in mobile app testing are:

- User experience
- Coverage of available mobile hardware
- Connectivity
- Security

## User experience

The user experience is critical for the success or failure of an app. The user experience will be mirrored by the rating of the app in the app store and negative ratings can be the source of significant sales losses. So, the user experience is a key issue in mobile app testing. It cannot actually be tested directly, because of the subjective nature of the experience. But you need to be aware that you can and should cover the critical success factors for a positive user experience through the test critical success factors for a positive user experience through the test.

## Coverage of available mobile Hardware

The variety of mobile devices, especially for Android

is increasing continuously and it is no longer possible to give an overview of the mobile device market. This is a great challenge for quality management, because the limiting factors like display sizes and formats, operating system versions and basic device characteristics vary. An additional factor is the device specific customization of the operating system (Android) by the device manufacturer, which should be tested explicitly on the device. To maximize the coverage of system combinations it is necessary to develop flexible strategies for the test execution.

Variations are:

- simulator's , emulator's
- beta-testing network ("field-testing")
- mobile testing in the cloud, for example Mob4Hire, testCloud
- mobile testing in the crowd, for example PerfectoMobile, Soasta

## Connectivity

Connectivity is another big issue in mobile app testing. Ideally, network connections for apps will be implemented in separate threads which should not interfere with each other. Furthermore, an app has to react adequately on network abort, delay, change and weak connections. If these reactions are implemented by a warning or caching mechanism, this has to be clarified within the project context.

## Security

Beside connectivity, security is another main issue. Important themes are:

- Authentication and authorization
- Data security
- Allocation of data in offline mode
- Protection of the file system, options, hardware, network resources, etc.

**Qualitimes - A Quality that does not change with times**

After parting with two thousand dollars — you can imagine how happy they were with me — I reached the White House (as a guest, of course!).

With me in Eisenhower Executive Office Building were other Sikh ladies and gentlemen, around fifty of them altogether from all over the US. Overwhelming majority of them was there for the first time because other have-been-before-to-the White House invitees as Ajay Banga (the MasterCard CEO) was busy making money I guess.



Young sikh boys and girls performing the lively Bhangra dance.



Charanjeet M at the Eisenhower Executive building in the White House in Washington D.C.



In the Indian treaty room with the great food and drinks around.

The session took off with Shabad Kirtan (call-and-response chanting or responsory), followed by speeches from WHO staff, officials of Department of Justice and Department of Homeland Security. They were not, "I speak; you listen", boring speeches but interactive sessions and a productive dialogue.

We were also told why couple of more known names like the Vice President Joe Biden could not be there that day; however, I took these with a pinch of salt.

Six member Sikh boys and girls Bhangra team, an awesome violin performance by a young Sikh boy, Punjabi song rendered by a girl, punctuated this three-hour session.

My favorite part was at the end in the Indian Treaty Room: the food and drinks. I will not say what was there was a great spread or delectable lay out, but that did not discourage me. I did my best to justify the investment.



Rohan P and Parthive Z sharing a Kodak moment in Downtown Chicago

*Punches, pulls and bumps!!*

- August 3 - Anitapriya V.**
- August 6 - RaviRaj**
- August 8 - Ishita S.**
- August 11 - Pritu P**
- August 15 - Ramesh**
- August 15 - Rajendra B.**
- August 21 - Sreekanth M.**
- August 22 - Mandar J.**
- August 26 - Brinderjit S.**
- August 28 - GiriRaja M.**

**Spotted!!**

**JUMBLE**

SLIBS	○ ○ ○ ○ ○
EOLRCIHC	○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○
REBEAT	○ ○ ○ ○ ○ ○ ○ ○ ○
AMECO	○ ○ ○ ○ ○ ○ ○ ○ ○
LIBEE	○ ○ ○ ○ ○ ○ ○ ○ ○

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)

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## BUZZ OF THE MONTH

- Qualitree inks in a deal to provide resource augmentation services, initially on-site and eventually offshore to public works department in the state of Illinois, USA.
- Qualitree wins in a contract to provide QA training services to one of the biggest logistics and transport organization in the United States.
- Thick talks in progress to sign in a contract for resource augmentation services with a large mobile application development and IT services management organization in the state of Illinois, USA.
- Qualitree teams up and enters into a multi - year contract with a testing services and consultancy provider from the African sub - continent to augment their services division.

**Mr. Bean v/s Einstein**

Einstein to Bean : lets play a game.. I will ask you a question,if you don't know the answer,you pay me only \$5 and if I don't know the answer,I will pay you \$500.."

(Einstein asks the first question)  
What's the distance from the Earth to the Moon..?

Mr.Bean doesn't say a word,reaches his pocket,pulls out a \$5.

Now, it's Mr.Bean's turn.. He asks Einstein: What goes up a hill with 3 legs and comes down on 4 legs..?

Einstein searches the net and asks all his smart friends.. After an hour he gives Mr.Bean \$500..

Einstein going nuts and asks: Well,so what goes up a hill with three legs and comes down with four..?

Mr.Bean reaches his pocket and gives Einstein \$5.

## Word Puzzle

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

1	_RENCHAN_	
2	_URREPTITIOU_	
3	_XACERBAT_	
4	_EFAME_	
5	_UMPTUOU_	

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

Answers to last month's Jumble:

- TELOI
- NORIA
- THWART
- TINEA
- TACIT

**Last Month's Winner:**  
**Srikanth K.**

Other correct entries:  
Shashank S.

Answers to last month's Word Puzzle:

- AZALEA
- DRUID
- RELAPSER
- PASTORSHIP
- CHTHONIC

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

Other correct entries:  
Shashank S.,Ritu G.