

Weekend Testing Session #117 - Test ideas for a mobile app

[6/5/2016 3:49:22 PM] *** Weekend Testing added Ajay Balamurugadas, Huyèn LT ***

[6/5/2016 3:49:41 PM] *** Weekend Testing has renamed this conversation to "WT 117: Mobile App: Test Ideas" ***

[6/5/2016 3:49:58 PM] *** Weekend Testing enabled joining this conversation. ***

[6/5/2016 3:50:45 PM] *** Harish M joined. ***

[6/5/2016 3:53:44 PM] *** Weekend Testing added Koh Takahashi ***

[6/5/2016 3:54:30 PM] *** Weekend Testing removed Koh Takahashi from this conversation. ***

[6/5/2016 3:56:39 PM] *** Weekend Testing added Trisha Chetani Agarwal ***

[6/5/2016 3:58:46 PM] Weekend Testing: Welcome to Weekend Testing Session #117

I am Ajay Balamurugadas, your facilitator for today. For first timers, let me quickly brief you how the session is conducted.

For the first one hour, we test based on the mission provided. Feel free to work in pairs or solo. You can use any approach to fulfil the mission.

The next one hour, we will discuss about the testing session. Our learning, mistakes and how we approached.

Feel free to ask me questions here or in private.

Thanks.

Please introduce yourselves.

I am Ajay Balamurugadas, software tester for last ten years, I blog at www.EnjoyTesting.blogspot.com and tweet @ajay184f

[6/5/2016 4:02:03 PM] *** Weekend Testing added Vikas S ***

[6/5/2016 4:02:05 PM] *** Weekend Testing has made the chat history visible to everyone. ***

[6/5/2016 4:02:05 PM] *** Weekend Testing has made the chat history visible to everyone. ***

[6/5/2016 4:04:10 PM] Weekend Testing: hello, am I online?

[6/5/2016 4:04:16 PM] Weekend Testing: Please introduce yourselves

[6/5/2016 4:04:57 PM] Vikas S: Vikas | Software tester for Mobile apps| Bangalore.

[6/5/2016 4:06:08 PM] Harish M: Sri Harish/ Automation testing engineer

[6/5/2016 4:06:50 PM] Weekend Testing: Any questions?

[6/5/2016 4:07:03 PM] Weekend Testing: or else we will start with the mission. Welcome again to the session.

[6/5/2016 4:08:19 PM] Weekend Testing: Mission:

There is the app called UMANG planned by Indian Government which would have close to 200 services rolled into one app.

http://deity.gov.in/sites/upload_files/dit/files/RFP%20for%20UMANG.pdf can be considered the requirement document. We have features highlighted from page 37-46.

The mission is to come up with test ideas for those features. Create a pdf/mindmap/checklist for your test ideas.

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[6/5/2016 4:09:46 PM] Trisha Chetani Agarwal: Hi , Good Evening, I am Trisha from India Bangalore . I tweet @trisha_1212 and i am into testing from 3 years

[6/5/2016 4:09:56 PM] *** mANJU (Guest) joined. ***

[6/5/2016 4:10:31 PM] Weekend Testing: hello Manju

[6/5/2016 4:11:06 PM] Weekend Testing: Any questions on the mission? Harish, Vikas

[6/5/2016 4:11:39 PM] mANJU (Guest): Hi Ajay and every one

[6/5/2016 4:11:44 PM] mANJU (Guest): no questions.. lets start

[6/5/2016 4:11:51 PM] Weekend Testing: cool, you got the mission?

[6/5/2016 4:12:07 PM] Weekend Testing: Mission:

There is the app called UMANG planned by Indian Government which would have close to 200 services rolled into one app.

http://deity.gov.in/sites/upload_files/dit/files/RFP%20for%20UMANG.pdf can be considered the requirement document. We have features highlighted from page 37-46.

The mission is to come up with test ideas for those features. Create a pdf/mindmap/checklist for your test ideas.

[6/5/2016 4:12:26 PM] mANJU (Guest): Yes... thanks

[6/5/2016 4:12:32 PM] Trisha Chetani Agarwal: ping.

[6/5/2016 4:13:07 PM] Weekend Testing: yes, received Trisha

[6/5/2016 4:13:16 PM] Weekend Testing: Feel free to ask any questions!

[6/5/2016 4:13:22 PM] Harish M: I couldn't find any info from the url

[6/5/2016 4:13:32 PM] Trisha Chetani Agarwal: I thought i am missing conversation about mission .

[6/5/2016 4:13:37 PM] Harish M: Can you attach the pdf file

[6/5/2016 4:14:20 PM] *** ***

[6/5/2016 4:14:21 PM] Harish M: What type of testing are you expecting?

[6/5/2016 4:14:45 PM] Harish M: What's the goal for the mission

[6/5/2016 4:14:47 PM] Weekend Testing: Let us restrict to functional testing for now

[6/5/2016 4:14:49 PM] Trisha Chetani Agarwal: I guess no testing , only test ideas in mind map

[6/5/2016 4:14:58 PM] Harish M: What's your target?

[6/5/2016 4:15:02 PM] Weekend Testing: To come up with test ideas based on the requirement document.

[6/5/2016 4:15:19 PM] Weekend Testing: So that a team of testers can later use your document and start testing on the app

[6/5/2016 4:15:44 PM] Weekend Testing: Example:

[6/5/2016 4:15:45 PM] Weekend Testing: 6.1.8 Ensure Paragraph Text Flows

On small screens it is important that paragraph text flows both so that it doesn't require horizontal scrolling and so that it will re-flow if the view orientation is changed.

[6/5/2016 4:15:48 PM] Trisha Chetani Agarwal: Just wanted to check is this app present in play store ?

[6/5/2016 4:15:56 PM] Weekend Testing: _ Test for different screen sizes

[6/5/2016 4:16:18 PM] Harish M: You are looking into requirement analysis and prepare test cases accordingly to test the functionality

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[6/5/2016 4:18:03 PM] Weekend Testing: _ test for different paragraphs

[6/5/2016 4:18:19 PM] Trisha Chetani Agarwal: Do we have to work on shared on mindmap / seperate mind map

[6/5/2016 4:18:25 PM] Weekend Testing: upto you

[6/5/2016 4:18:29 PM] Harish M: Responsive testing should also be considered

[6/5/2016 4:18:57 PM] Trisha Chetani Agarwal: how about team present here ? how do they want to work ?

[6/5/2016 4:19:10 PM] Trisha Chetani Agarwal: seperate mind map/shared ones?

[6/5/2016 4:19:12 PM] Harish M: Because the apps display basing on the screen size

[6/5/2016 4:20:08 PM] Weekend Testing: yes, you need to decide

[6/5/2016 4:20:31 PM] Weekend Testing: have you folks decided what to do

[6/5/2016 4:20:39 PM] Weekend Testing: we have crossed 15 mins

[6/5/2016 4:21:09 PM] Vikas S: We can list out the ideas in a document. send it across. someone good at mindmapping can make one.

[6/5/2016 4:21:26 PM] *** Amir Khan joined. ***

[6/5/2016 4:22:22 PM] *** Amir Khan added saba riaz ***

[6/5/2016 4:25:01 PM] Weekend Testing: even split pages/features and each can work on one :)

[6/5/2016 4:25:12 PM] Weekend Testing: features are described between 37-46

[6/5/2016 4:25:15 PM] Weekend Testing: pages

[6/5/2016 4:26:24 PM] *** Mahesh Kumar joined. ***

[6/5/2016 4:26:43 PM] Amir Khan: Hello every one and hello Ajay this is amir from Islamabad Pakistan having 10 year exp in field of testing , you can follow me @meetamir

[6/5/2016 4:27:14 PM] Weekend Testing: Hello Amir

[6/5/2016 4:27:21 PM] Trisha Chetani Agarwal: Hi , I just read in page 37 :Inform exact status of the transaction based on his mobile number. The customer care support should be able to recognize the person based on the number he is calling from and get an access to his transaction details. Isnt it security issue ?

[6/5/2016 4:27:24 PM] Weekend Testing: We are half way through the testing session.

[6/5/2016 4:27:47 PM] Amir Khan: yeah sorry for being late :) I am reading all the chat will jump in asap

[6/5/2016 4:27:56 PM] Weekend Testing: many of the apps do that. call support and give a number - they will have your details on screen

[6/5/2016 4:28:01 PM] Weekend Testing: just like call centre

[6/5/2016 4:29:33 PM] *** vinod komeershetty joined. ***

[6/5/2016 4:29:57 PM] *** Weekend Testing disabled joining this conversation. ***

[6/5/2016 4:30:09 PM] Trisha Chetani Agarwal: okay! .Thank you !

[6/5/2016 4:32:29 PM] Weekend Testing: How many features have we covered?

[6/5/2016 4:32:46 PM] Weekend Testing: at least 1 feature - written test ideas completely?

[6/5/2016 4:33:10 PM | Edited 4:33:22 PM] Trisha Chetani Agarwal: So one app(UMANG will have : features mentioned on Page 46 & 47

[6/5/2016 4:33:11 PM] saba riaz: I have just joined your group...I am looking into your conversation

[6/5/2016 4:33:51 PM] Trisha Chetani Agarwal: whole 23 application is supported

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[6/5/2016 4:34:02 PM] Weekend Testing: yes

[6/5/2016 4:34:25 PM] Amir Khan: will we use api for data flow ?

[6/5/2016 4:35:08 PM] Weekend Testing: most probably yes but as of now, we do not have details on that

[6/5/2016 4:35:28 PM] Amir Khan: so we should not focus for test idea on api ?

[6/5/2016 4:35:42 PM] Weekend Testing: you can if you have details around it

[6/5/2016 4:37:34 PM] Harish M: Api testing comes into picture when the integrations are ready.. Basically these people are looking to integrate 200 apps. Sounds good. But how about the performance. What's the goal of the project? What's the in-detail functionality. What's the end user perspective

[6/5/2016 4:37:43 PM] Harish M: How's the app designed

[6/5/2016 4:37:59 PM] Weekend Testing: features are explained between 37-46 pages, Harish

[6/5/2016 4:38:01 PM] Harish M: There are many factors you need to consider while going for testing

[6/5/2016 4:39:12 PM] Amir Khan: UX testing ideas need to be considered based on end user customer as for I read customer can be anybody

[6/5/2016 4:39:31 PM] Weekend Testing: Guys, I hope I can make the mission clear

[6/5/2016 4:39:41 PM] Weekend Testing: on the pages 37-46 - features are mentioned

[6/5/2016 4:39:52 PM] Harish M: I strongly agree with you. But testing should be on how the application behaves . Inputs and outputs

[6/5/2016 4:40:00 PM] Weekend Testing: You need to go through each functionality and come up with test ideas on how it would be tested

[6/5/2016 4:40:06 PM] Weekend Testing: make a document of it

[6/5/2016 4:40:16 PM] Weekend Testing: with the assumption that testing team can use it

[6/5/2016 4:40:21 PM] Weekend Testing: while the app is ready

[6/5/2016 4:43:06 PM] Weekend Testing: we have 15 more mins left

[6/5/2016 4:43:30 PM] Weekend Testing: Amir, Harish, Saba, Trisha, Vikas

[6/5/2016 4:47:27 PM] Harish M: It's going to be a robust application with all the govt services data mapped in the backend to fetch the services details

[6/5/2016 4:48:10 PM] Harish M: Simple UI with service calls like google uses to fetch data from search engines

[6/5/2016 4:48:32 PM] Harish M: Maintaining the data and security will be a crucial role to play

[6/5/2016 4:49:06 PM] Harish M: Because the app is designed to fetch inputs from different govt services

[6/5/2016 4:49:30 PM] Weekend Testing: ok, you have stated the overview well.

[6/5/2016 4:50:27 PM] Harish M: We need to go with security, performance, Api testing and then UI testing

[6/5/2016 4:50:44 PM] Amir Khan: it will also require validation on UI side along with responsive , @harish already mention it will require api functional + security testing , there will be lots of form validation BVA , EP

[6/5/2016 4:51:13 PM] Harish M: I totally agree with you.

[6/5/2016 4:51:28 PM] Weekend Testing: Trisha, Vikas: Are you ready with test ideas?

[6/5/2016 4:51:39 PM] Amir Khan: Verification of data flow as well

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[6/5/2016 4:55:52 PM] Weekend Testing: Do we need more time?

[6/5/2016 4:56:22 PM] Trisha Chetani Agarwal: Sorry , i recived late ping

[6/5/2016 4:56:33 PM] Trisha Chetani Agarwal: My progress :

[6/5/2016 4:56:34 PM] Trisha Chetani Agarwal: Mobile Web support :

Platform support :Mobile, Tablet , Desktop

Responsive Design : by recognising the device detail automatically

Support all OS : iOS,Android, blackberry , Windows.

Browser : IE, chrome, Safari, Firefox

Support dial feature,

Support Multiple languages

Adapt to changes through UI.(Customizable for user)

UX should be same on Mobile Web and Mobile App.: Look and Feel, Navigation, Menu, Access preferences and data

Search Functionality for all the pages

Low bandwidth support : 2g, 3g, no network , bad network

Application :Constient with state between devices

[6/5/2016 4:59:03 PM | Edited 4:59:17 PM] Trisha Chetani Agarwal: Should be a native/hybrid app because it should work offline technolgy and using a OS and system features.

[6/5/2016 5:00:10 PM] Weekend Testing: Do we need more time or shall we start the discussion session?

[6/5/2016 5:00:39 PM] *** **

[6/5/2016 5:01:21 PM] Weekend Testing: Anyone wants to start first?

[6/5/2016 5:01:29 PM] Weekend Testing: How did you approach this session

[6/5/2016 5:03:28 PM] Weekend Testing: anyone there?

[6/5/2016 5:03:30 PM] Vikas S: Went through the reqts and made quick points without categorizing.

[6/5/2016 5:03:42 PM] Weekend Testing: which pages did you refer?

[6/5/2016 5:04:54 PM] Vikas S: 37 to 42

[6/5/2016 5:05:37 PM | Edited 5:06:04 PM] Trisha Chetani Agarwal: In your opinion how tester should start ?

[6/5/2016 5:05:56 PM] Trisha Chetani Agarwal: I thought for a while and then started reading the pdf

[6/5/2016 5:06:33 PM] Trisha Chetani Agarwal: While pairing with you, i am doing for the first time requirement analysis :)

[6/5/2016 5:07:44 PM] Harish M: Understand the requirements. Chose the methodology.

Prepare the test cases(different for web, mobile and desktop) ask your team to execute them

[6/5/2016 5:08:06 PM] Trisha Chetani Agarwal: I thought of doing sharing mind map , where we can get continious feedback ,what next

[6/5/2016 5:08:36 PM] Harish M: For this agile is suggestible but seeing waterfall is the thing I am seeing

[6/5/2016 5:09:03 PM] Harish M: Devops would be another thing to look into

[6/5/2016 5:09:03 PM] Trisha Chetani Agarwal: how do you make sure nothing is missed ? In terms of metrics, in terms of requirement , in terms of design

[6/5/2016 5:09:37 PM] Harish M: That's where test case authoring plays a vital role

[6/5/2016 5:09:41 PM | Edited 5:10:38 PM] Trisha Chetani Agarwal: etc .. because i just have a pdf , and make sure updating it later requires less effort / re-work should not be much

[6/5/2016 5:10:34 PM] Vikas S: Since its req doc for desktop, mobile and app, how did you categorize your ideas? Did you follow the same approach for all or used diff ideas for each?

[6/5/2016 5:11:18 PM | Edited 5:12:03 PM] Trisha Chetani Agarwal: i just found all this basic thing written in requirement doc and mentioned this are supported in our testing .

[6/5/2016 5:12:04 PM] Harish M: The 3 things should never be mixed

[6/5/2016 5:12:12 PM] Trisha Chetani Agarwal: okay

[6/5/2016 5:13:27 PM] Harish M: It's very simple we can't mix dosa idly and wada together and eat..

[6/5/2016 5:14:02 PM] Harish M: The approach, plan and execution should be unique and robust

[6/5/2016 5:14:05 PM] Trisha Chetani Agarwal: at first stage what are the question we should ask and proceed with just PDF ?

[6/5/2016 5:14:07 PM] Vikas S: Harsih that's interesting. can we take a look at your test ideas?

[6/5/2016 5:14:08 PM] Harish M: Might be reusable

[6/5/2016 5:14:13 PM] Weekend Testing: okay - I don't feel that we have met the mission

[6/5/2016 5:14:52 PM] Trisha Chetani Agarwal: so what next to achieve mission ?

[6/5/2016 5:15:03 PM] Harish M: My idea is to keep testing very simple

[6/5/2016 5:15:18 PM] Weekend Testing: can you please explain

[6/5/2016 5:15:38 PM] Vikas S: Yes. Can you share your test ideas?

[6/5/2016 5:15:51 PM] Harish M: First test the integrations and workflows and how data is flowing

[6/5/2016 5:15:51 PM] Vikas S: the doc pdf etc u prepared...

[6/5/2016 5:16:18 PM] Trisha Chetani Agarwal: what you want us to explain Ajay ?

[6/5/2016 5:16:18 PM] Harish M: Second security and how data is encrypted

[6/5/2016 5:16:43 PM] Harish M: Third how the app performance at various peak levels

[6/5/2016 5:17:04 PM] Vikas S: Youre generalizing. Can you explain based on this app

[6/5/2016 5:17:53 PM] Harish M: Yes. In regards to this app. First we should know how many apps are integrated and how the dataflow is designed

[6/5/2016 5:18:32 PM] Harish M: What type of protocols are followed and how the data is shared between servers

[6/5/2016 5:18:50 PM] Harish M: Then validate the data and authenticity of the user

[6/5/2016 5:18:53 PM] Weekend Testing: have you come up with any document?

[6/5/2016 5:19:18 PM] Harish M: No. I am still thinking.

[6/5/2016 5:19:18 PM] Weekend Testing: or you need details to proceed

[6/5/2016 5:19:20 PM] Weekend Testing: ok

[6/5/2016 5:19:32 PM] Weekend Testing: anyone else has come up with a document?

[6/5/2016 5:20:35 PM] Vikas S: I think test ideas should be simple and exploratory. I think even scribbling ideas on paper will do.

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[6/5/2016 5:20:54 PM] Vikas S: I have a question.

[6/5/2016 5:21:00 PM] Weekend Testing: yes

[6/5/2016 5:22:19 PM] Vikas S: Should test ideas follow the same flow of the reqt doc? since its just the ideas, can it be vaguely written

[6/5/2016 5:22:36 PM] Weekend Testing: its up to you

[6/5/2016 5:22:37 PM] Vikas S: just points will do?

[6/5/2016 5:22:40 PM] Weekend Testing: yes

[6/5/2016 5:22:44 PM] Harish M: No I think we need to document it

[6/5/2016 5:23:34 PM] Harish M: Each and every input should be noted. I think so

[6/5/2016 5:24:12 PM] Harish M: The admin can summarize and then someone can add their points if they differ with the ideology

[6/5/2016 5:24:49 PM] Trisha Chetani Agarwal: Exactly ! share the reports of each and every noted points ?

[6/5/2016 5:27:26 PM] Weekend Testing: I don't understand

[6/5/2016 5:29:41 PM] Vikas S: I think Test ideas are individual's document. It should be with him throughout. He can use it for the test scenarios. Sharing starts with test scenarios. test ideas are very un-uniformly written set of points a tester scribbles that only he can understand.

[6/5/2016 5:30:30 PM] Vikas S: These test ideas are used to create scenarios. that's when sharing begins.

[6/5/2016 5:31:28 PM] Weekend Testing: ok, what do you think the biggest bug would be for this app?

[6/5/2016 5:33:43 PM | Edited 5:34:01 PM] Trisha Chetani Agarwal: Sensitive User data to be protected

[6/5/2016 5:33:58 PM] Weekend Testing: what do others think?

[6/5/2016 5:34:03 PM] Amir Khan: User sessions

[6/5/2016 5:34:05 PM] Vikas S: 1. The application is huge. The user volume is vast. The application aims at being at service in low bandwidth too...

[6/5/2016 5:35:11 PM] Vikas S: user data stored on the device(instead of cloud). Clearing app/browser cache will clear all data.

[6/5/2016 5:35:53 PM] Weekend Testing: if given only 15 mins, what is the test you will do first

[6/5/2016 5:36:02 PM] Vikas S: Language support. Application supports so many languages that mobile device wont recognise

[6/5/2016 5:36:22 PM] Amir Khan: ET and field validation will do first

[6/5/2016 5:36:34 PM] Vikas S: [Sunday, June 5, 2016 5:35 PM] Weekend Testing:

<<< if given only 15 mins, what is the test you will do firstLanguage support. Application supports so many languages that mobile device wont recognise

[6/5/2016 5:36:40 PM] Weekend Testing: ET is not a test

[6/5/2016 5:36:58 PM] Trisha Chetani Agarwal: I will start exploring the application and what all can user get benfited using UMANG

[6/5/2016 5:36:59 PM] Amir Khan: I was talking the approach here

[6/5/2016 5:38:29 PM | Edited 5:39:43 PM] Vikas S: [Sunday, June 5, 2016 5:36 PM] Vikas S:

<<< if given only 15 mins, what is the test you will do first Register with web app
edit user info/forms in mobile web app

Login with android app and verify

[6/5/2016 5:38:41 PM] Trisha Chetani Agarwal: 1. Installation, Launch of application, navigation through application as to understand what all user can get benefited , sign -in and check addition information to the user.

[6/5/2016 5:39:32 PM] Weekend Testing: ok folks

[6/5/2016 5:39:36 PM] Weekend Testing: time to wrap up

[6/5/2016 5:39:43 PM] Weekend Testing: It was good having you.

[6/5/2016 5:39:57 PM] Trisha Chetani Agarwal: How should be approached this session for a better result

[6/5/2016 5:40:09 PM] Weekend Testing: Next time, we will come up with a different mission and test a new application

[6/5/2016 5:40:17 PM] Weekend Testing: I will blog about this soon.

[6/5/2016 5:40:19 PM] Trisha Chetani Agarwal: or analyzing the doc for a better test ideas?

[6/5/2016 5:40:25 PM] Trisha Chetani Agarwal: Thank you !

[6/5/2016 5:40:37 PM] Vikas S: Thanks. See you the next time

[6/5/2016 5:40:38 PM] Weekend Testing: Feel free to blog/tweet @weekendtesting or point to www.weekendtesting.com

[6/5/2016 5:40:45 PM] Weekend Testing: good bye for now :)

[6/5/2016 5:41:06 PM] Amir Khan: thanks ajay for the session

[6/5/2016 5:41:10 PM] Amir Khan: and thanks every one

[6/5/2016 5:41:30 PM] Trisha Chetani Agarwal: Thank you for the session , Have a nice week ahead!