

## WT 113: Modelling an application

[3:55:19 PM] \*\*\* Weekend Testing added Srinivas Kadiyala, Abhishek Yadav \*\*\*

[3:55:23 PM] \*\*\* Weekend Testing added gurpreet singh \*\*\*

[3:56:24 PM] Weekend Testing: Hello folks

[3:56:25 PM] gurpreet singh: hi

[3:56:34 PM] Weekend Testing: This will be the chat for today's weekend testing session

[3:56:40 PM] Abhishek Yadav: Hi All

[3:56:45 PM] gurpreet singh: ok

[3:56:57 PM] gurpreet singh: hello

[3:56:58 PM] gurpreet singh: sir

[3:56:59 PM] Weekend Testing: Please introduce yourselves while I add few more testers who wanted to join. Thanks.

[3:57:15 PM] gurpreet singh: hey sir

[3:57:19 PM] gurpreet singh: gurpreet singh

[3:57:25 PM] gurpreet singh: i m frm chandigarh

[3:58:03 PM] Srinivas Kadiyala: Hi Everyone,

I'm Srinivas Kadiyala. Software Tester working at Unilog LLC, Mysore.

Testing ecommerce solutions.

Working as Functional Tester having 3+ yrs exp on majorly Web and learning other stuff.

Blog: [www.testingeduindia.blogspot.in](http://www.testingeduindia.blogspot.in)

Twitter/Anywhere you can find me: @srinivasskc

[3:58:56 PM] \*\*\* Weekend Testing added Haseeb Shahid \*\*\*

[4:00:24 PM] Abhishek Yadav: I am Abhishek Yadav, author of Hello Selenium (<http://www.helloselenium.com>). Currently working as automation test professional in Xebia IT Architects India Pvt Ltd, Gurgaon. Follow me @yadavgabhi on fb/twitter/linkedin

[4:00:39 PM] \*\*\* Weekend Testing added Christian Kram \*\*\*

28<sup>th</sup> June, 2015

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[4:02:09 PM] Haseeb Shahid: I am Haseeb Shahid, Principal Software QA Engineer

[4:02:36 PM] Christian Kram: Hi there, I am Christian, a tester turned product owner from Germany.  
@chr\_kram on twitter

[4:02:46 PM] Weekend Testing: Hello team, thanks for joining.

I am Ajay Balamurugadas and I will be your facilitator for today.

[4:03:02 PM] gurpreet singh: ok

[4:04:31 PM] Abhishek Yadav: Hello Everyone

[4:04:49 PM] gurpreet singh: yes sir

[4:05:12 PM | Edited 4:05:22 PM] Abhishek Yadav: Thanks Ajay, for adding me today

[4:05:28 PM] Abhishek Yadav: sure

[4:05:29 PM] Weekend Testing: We will test for 1 hour and discuss for the next one hour.

[4:05:34 PM] gurpreet singh: k

[4:05:42 PM] \*\*\* Weekend Testing added Michael Bolton \*\*\*

[4:05:56 PM] Weekend Testing: While we announce the mission, feel free to download the application from

[4:05:57 PM] Weekend Testing: <http://sourceforge.net/projects/hugin/?source=frontpage&position=4>

[4:08:21 PM] \*\*\* Weekend Testing has changed the conversation topic to "WT113: Modelling an application" \*\*\*

[4:08:38 PM] Weekend Testing: Anyone on mac here?

[4:08:50 PM] gurpreet singh: no

[4:09:04 PM] Srinivas Kadiyala: hard time.. to download an application - end of the month :)

[4:09:21 PM] Abhishek Yadav: yes, I am

[4:10:20 PM] Weekend Testing: Abhishek: Let me give you another application.

[4:10:21 PM] Abhishek Yadav: ok

[4:11:53 PM] Weekend Testing: @Abhishek: Please install Blender <http://www.blender.org/>

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[4:13:49 PM] Weekend Testing: How many of you are aware of Test Modelling?

[4:14:29 PM] Srinivas Kadiyala: No, I didn't hear

[4:14:39 PM] Weekend Testing: Is this the first time, you are hearing about modelling an application?

[4:14:40 PM | Edited 4:14:41 PM] Abhishek Yadav: yes

[4:15:47 PM] Christian Kram: no, we are using test models in our teams

[4:15:52 PM] Weekend Testing: We should be in for a good learning session, then. We have Michael Bolton with us. :)

Can we find out from the internet on what could be Test Modelling, till then

[4:16:23 PM] Michael Bolton: Let's start with a simpler question: what is a \*model\*?

[4:16:43 PM] Srinivas Kadiyala: A design to build - Model ?

[4:17:29 PM] Christian Kram: an abstract image of something else

[4:17:56 PM] Michael Bolton: Abstract?

[4:18:11 PM] \*\*\* Weekend Testing added Abi Ajay \*\*\*

[4:18:21 PM] \*\*\* Abi Ajay can't be added until they accept your contact request. \*\*\*

[4:18:23 PM] Christian Kram: well, in the sense that it condenses something and is not a 1:1 copy

[4:18:37 PM] \*\*\* Weekend Testing added Abi Ajay \*\*\*

[4:18:42 PM] \*\*\* Abi Ajay can't be added until they accept your contact request. \*\*\*

[4:19:00 PM] Michael Bolton: Ah! That's important.

[4:19:06 PM] Michael Bolton: But a model does not HAVE to be abstract.

[4:19:28 PM] Michael Bolton: After all... we've see model airplanes, model cars...

[4:19:36 PM] \*\*\* Weekend Testing added Abi Ajay \*\*\*

[4:19:36 PM] Michael Bolton: Architectural models.

[4:19:59 PM] Michael Bolton: However, you're quite right that a model can be abstract too.

[4:20:59 PM] \*\*\* Weekend Testing added Ajay Balamurugadas \*\*\*

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[4:21:01 PM] Christian Kram: I'd even say that these are an abstraction of the real thing, e.g. they can't fly. no working engines, since these are not that important for the purpose of the model

[4:21:34 PM] Michael Bolton: OK. So what IS the purpose of a model?

[4:21:37 PM] Weekend Testing: Isn't prototype also a model?

[4:21:53 PM] Michael Bolton: (Anyone can answer my question, of course.)

[4:22:02 PM] Michael Bolton: Yes, a prototype is a model.

[4:22:21 PM] Weekend Testing: Purpose: To help us understand about the X that we are creating a model for?

[4:22:34 PM] Michael Bolton: Christian was on to something important when he said "condenses" --- does everyone know what that means?

[4:22:50 PM] Christian Kram: the purpose of a model to me is to represent something else in condensed form, thus putting a certain focus on it.

[4:23:18 PM] Weekend Testing: Its not an exact replica.

[4:23:30 PM] Christian Kram: and by that making it easier to grasp the aspects you are interested in

[4:24:05 PM] Michael Bolton: All right. That's pretty good!

[4:25:10 PM] Michael Bolton: A model is a \*representation\* (like a map, or a chunk of plastic or wood or metal, or a diagram, or a table, or a piece of writing) of something more complex.

[4:26:05 PM] Michael Bolton: Presumably, you have it in mind to understand or learn or recognize or evaluate or study or explore the more complex thing.

[4:26:49 PM] Michael Bolton: When you learn something about the model, you can apply that learning to the more complex thing.

[4:26:55 PM] Michael Bolton: You can compare the two.

[4:27:16 PM] Michael Bolton: You can use the model to prompt you to explore the complex thing more deeply.

[4:27:45 PM] Michael Bolton: So: a plastic model airplane is a model of a real airplane.

[4:28:13 PM] Michael Bolton:  $2 + 2 = 4$  is a model of what happens when you take a box with two apples in it, and add two more apples.

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[4:28:34 PM] Michael Bolton: A weather map is a model of what's happening in reality, with real weather.

[4:28:51 PM] Michael Bolton: A table is a model of a set of relationships between values.

[4:29:24 PM] Michael Bolton: A fashion model is a way to decide how clothes will look like on a real human being (at least, a really skinny human being).

[4:30:47 PM] Michael Bolton: A requirements document is a model of the requirements.

[4:30:56 PM] Michael Bolton: A mind map is a model of a product.

[4:31:43 PM] Michael Bolton: AND everything we think or believe about something is a model of that thing.

[4:32:21 PM] Weekend Testing: So, do we always have a model when we test?

[4:32:34 PM] Michael Bolton: Usually we have more than one!

[4:32:43 PM] Michael Bolton: Although...

[4:33:19 PM] Michael Bolton: You could say that some people who test have only one model that they use for testing.

[4:33:55 PM] Michael Bolton: But that would be... a model of how they're actually testing, since they have lots of models in their heads.

[4:34:06 PM] Michael Bolton: BUT...

[4:34:46 PM] Michael Bolton: Some people model testing \*consciously\* only in very limited ways... the requirements document; test scripts; and so forth.

[4:35:08 PM] Christian Kram: how do you match different models then? Or is that not necessary?

[4:36:16 PM] Michael Bolton: Matching them would not be as important to me as 1) applying them (that is, comparing them with the product) and 2) comparing them with each other.

[4:36:54 PM] Weekend Testing: Shall we try modelling a simple application like Notepad or complex like XMind now?

[4:37:54 PM] Christian Kram: we usually go the other way round: establish some models, compare them to get a more complete (if that's ever possible) model and apply that

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[4:38:07 PM] Michael Bolton: When say that we're covering a product with testing, it would be more accurate to say that we're modelling the product, and trying to cover that model with testing.

[4:38:32 PM] Michael Bolton: A \*description\* of a product is a model too.

[4:39:51 PM] Weekend Testing: or folks have downloaded the photo stitcher too...

[4:40:33 PM] Michael Bolton: Maybe before we do that, some people could describe how they might model a product like that.

[4:40:45 PM] Weekend Testing: ok

[4:42:10 PM] Weekend Testing: 1. Map the features to learn and to estimate the coverage

2. Check out the HTSM (Heuristic Test Strategy Model) and build a model to help test the application

3. Talk to the stakeholders and map a risk model against which the product needs to be tested.

[4:42:35 PM] Michael Bolton: The Heuristic Test Strategy WHAT? :)

[4:42:44 PM | Edited 4:44:50 PM] Weekend Testing: Model :)

[4:42:59 PM | Edited 4:45:11 PM] Weekend Testing: .

[4:43:01 PM] Srinivas Kadiyala: I model making a checklist with the features on the product - and most critical features to be tested.

[4:43:17 PM] Weekend Testing: please ignore the last link

[4:43:21 PM] Weekend Testing: here is the link: <http://www.satisfice.com/tools/htsm.pdf>

[4:43:57 PM] Weekend Testing: .

[4:44:59 PM] Abi Ajay: I ask questions about a product.

[4:45:34 PM] Michael Bolton: Asking questions is an important thing to do. Is that modeling, though?

[4:45:52 PM] Christian Kram: assuming I don't have any information about the app at all, I'd probably go along the GUI and map possible user interactions into different (tree) diagrams. Thus making a representation of what is there and then I'd go along those diagrams to see where I feel that it should be different

[4:46:37 PM] Michael Bolton: Where you feel that what should be different?

[4:47:42 PM] Abi Ajay: I am thinking about the product. So it may be model

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[4:47:56 PM] Christian Kram: where I feel that the interaction should be different, that could be things like missing things that I think that should be there or things that are complicated. Things like that.

[4:48:52 PM] Michael Bolton: Are you speaking as a tester?

[4:48:56 PM] Christian Kram: tough question :)

[4:49:32 PM] Weekend Testing: @MB: Christian is a recently turned product owner, if I am not wrong :)

[4:49:32 PM] Christian Kram: since I am working as a product owner right now that would probably influence that a bit ;)

[4:50:00 PM] Michael Bolton: That's what he said above, yes.

[4:50:12 PM] Christian Kram: rightfully so

[4:50:13 PM] Michael Bolton: But I wanted to add a note of caution.

[4:50:18 PM] Weekend Testing: sure.

[4:50:40 PM] Michael Bolton: "Things that are complicated" ... I think that's something that IS in the scope of a tester to describe.

[4:51:01 PM] Michael Bolton: And things that are missing -- that's something for a tester to describe too.

[4:51:59 PM] Michael Bolton: Problems with the product are certainly within scope.

[4:52:36 PM] Michael Bolton: But for a tester, describing how the interface *should* be different gets us into designer territory.

[4:53:01 PM] Christian Kram: yap, totally agree on that.

[4:53:05 PM] Michael Bolton: Here's a way I like to think about modelling the product: make a map of it.  
BUT

[4:53:29 PM] Michael Bolton: the map is a model of the ideas in your head

[4:53:49 PM] Michael Bolton: the ideas in your head are models of the product

[4:54:14 PM] Michael Bolton: Now... it's tempting to say that the map is a model of the product, and of course it is.

[4:54:41 PM] Abi Ajay: What about the documents provided to us

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[4:54:56 PM] Michael Bolton: But since we can only apprehend the product by models, the map is a model of a model.

[4:55:07 PM] Michael Bolton: Abi, the documents provided to us are also models.

[4:55:16 PM] Abi Ajay: Ok

[4:55:23 PM] Christian Kram: would you differentiate between a product model and a "testing the product" model?

[4:55:28 PM] Michael Bolton: They're models of what some person thought, or wanted, or thought they wanted at some point in the past.

[4:56:14 PM] Michael Bolton: @Christian Well... it's models all the way down. :)

[4:56:32 PM] Michael Bolton: We have a models of the product, and we have models of how we test.

[4:57:35 PM] Michael Bolton: To put this into practical terms, here's what I would suggest. Whatever product you've got, produce something that represents it in some way. SFDIPOT is a heuristic for doing that, or for evaluating a model that you've got already.

[4:58:10 PM] Michael Bolton: Each node in an SFDIPOT-style model is itself a model of some aspect or perspective on the product.

[4:58:35 PM] Michael Bolton: Now, with that, I'm afraid I have to go. But I would suggest mapping or describing a product in some way as an exercise.

[4:58:41 PM] Christian Kram: what does SFDIPOT stand for?

[4:59:01 PM] Weekend Testing: SFDIPOT: Page 4 of <http://www.satisfice.com/tools/htsm.pdf>

[4:59:31 PM] Christian Kram: ah, okay, thanks!

[4:59:37 PM] Weekend Testing: Structure, Function, Data, Interfaces, Platform, Operations, Time

[5:01:17 PM] \*\*\* Weekend Testing added Trisha agarwal \*\*\*

[5:02:22 PM] Weekend Testing: Folks, let us create models for any application we are comfortable with?

[5:03:12 PM] Weekend Testing: Panorama Stitcher/Blender, XMind, Notepad

[5:03:29 PM] Weekend Testing: we could also aim for a part of the product (due to time constraints)

[5:04:03 PM] Weekend Testing: And if you folks want, you can work as a single group too



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- [5:04:16 PM] Weekend Testing: and use [www.mindmeister.com](http://www.mindmeister.com) to collaborate
- [5:04:36 PM] Weekend Testing: or gDocs or many other tools
- [5:05:09 PM] Weekend Testing: Who is still here?
- [5:05:20 PM] Trisha agarwal: (y)
- [5:05:40 PM] Christian Kram: I'd suggest taking on notepad :)
- [5:06:10 PM] Weekend Testing: sure
- [5:06:33 PM] Weekend Testing: and maybe jot down our ideas here itself?
- [5:06:53 PM] Weekend Testing: I see Menus as one source of learning about the product
- [5:07:22 PM] Trisha agarwal: Sorry, i joined late and wanted to know which product/part of the product we are testing
- [5:07:37 PM] Trisha agarwal: did you mean notepad menu ?
- [5:08:17 PM] Weekend Testing: yes,
- [5:08:26 PM] Weekend Testing: suppose the application to be tested in Notepad.
- [5:08:29 PM] Christian Kram: the menu and the editing window would be my starting point
- [5:08:32 PM] Weekend Testing: How would you model it?
- [5:09:31 PM] Weekend Testing: Help File is a great source too.
- [5:10:03 PM] Trisha agarwal: i read previous of the some conversation where we are doing using SPFDIOT
- [5:10:52 PM] Weekend Testing: we do have SFDIPOT mindmap
- [5:11:29 PM] Trisha agarwal: yes, Thank you
- [5:11:40 PM] Weekend Testing: <http://apps.testinsane.com/mindmaps/what-is-sfdipot-heuristic-test-strategy-model>
- [5:12:50 PM] Trisha agarwal: Do we have a sharing mindmap ?
- [5:13:05 PM] Weekend Testing: I don't understand. sorry

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[5:14:11 PM] Trisha agarwal: i just take a notes of my testing using SFDIPOT and share individual or we are putting together in sharing mindmaps

[5:15:20 PM] Weekend Testing: Everyone prepares their own notes

[5:15:41 PM] Trisha agarwal: okay.

[5:16:55 PM] Weekend Testing: Shall we wrap up in next 20 mins?

[5:17:03 PM] Christian Kram: ok

[5:17:04 PM] Weekend Testing: and then we will discuss about everyone's models...

[5:23:31 PM] Weekend Testing: <http://notepadtutorial.com/> seems to have some useful information

[5:27:57 PM] Trisha agarwal: hi, i have gone through the above conversation of model which is about using different docs/requirement/checklist in a map as to start testing - is model /abstract of our testing

[5:28:44 PM] Trisha agarwal: when i am using previous learning uncsciously while testing, is that to come under the model

[5:29:11 PM] Trisha agarwal: or any changes found while testing

[5:29:21 PM] Weekend Testing: yes, that is also a model

[5:29:31 PM] Weekend Testing: - Past knowledge of the product

[5:29:54 PM] Christian Kram: I agree on taking previous knowledge into account for a model

[5:30:46 PM] Christian Kram: I am not so sure about changes found while testing. I guess those would need further evaluation.

[5:31:59 PM] Trisha agarwal: Thank you, there would no specific points we can write in a map, it will just our previous learning from the product while testing which we are applying

[5:33:53 PM] Weekend Testing: last 10 mins

[5:41:52 PM | Edited 5:43:07 PM] Trisha agarwal: what can be pre/post /through condition ?

[5:42:08 PM] Weekend Testing: where is it

[5:42:33 PM] Trisha agarwal: Under operation node

[5:43:28 PM] Weekend Testing: Operations. How the product will be used.

· Users: the attributes of the various kinds of users.

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- Environment: the physical environment in which the product operates, including such elements as noise, light, and distractions.
- Common Use: patterns and sequences of input that the product will typically encounter. This varies by user.
- Disfavored Use: patterns of input produced by ignorant, mistaken, careless or malicious use.
- Extreme Use: challenging patterns and sequences of input that are consistent with the intended use of the product.

[5:43:34 PM] Weekend Testing: From <http://www.satisfice.com/tools/htsm.pdf>

[5:43:58 PM] Trisha agarwal: Thank you

[5:45:35 PM] Weekend Testing: Cool, we could share our models :)

[5:48:06 PM] Weekend Testing: Trisha, Christian?

[5:48:42 PM] Christian Kram: gotta take a picture, just a second :)

[5:48:55 PM] Trisha agarwal: I didnt do much of testing . I just saw the operation node with the shared mindmap :<http://apps.testinsane.com/mindmaps/what-is-sfdipot-heuristic-test-strategy-model> and i thought of Personas - if a person doesnt know language, they will not know what they are doing or what will happen

Techie - its very easy or go and navigate around

Old person with less of vision - words and fonts are very small

old person with defineny of hearing - will not have problem assuming all the other enviroment is in favour to play with notepad

[5:49:14 PM] Weekend Testing: nice.

[5:49:18 PM] Trisha agarwal: Interaction is smooth for the users

[5:49:23 PM] Trisha agarwal: Thank you

[5:49:59 PM] Ajay Balamurugadas: Personas is also one model

[5:50:42 PM] Trisha agarwal: yes.

[5:51:04 PM] Ajay Balamurugadas: Did you think about hackers?

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[5:51:29 PM] Ajay Balamurugadas: How many personas did you think of?

Christian Kram

[5:52:15 PM] Christian Kram: mine is pretty basic, I only focused on user interactions

[5:52:18 PM] Trisha agarwal: no, i have not included as part of my testing, as there is no interatcion between client and server or passing any data

[5:52:30 PM | Edited 5:52:48 PM] Trisha agarwal: where we can learn about all different persona

[5:52:43 PM] Trisha agarwal: which we can include in our testing

[5:52:58 PM] Christian Kram: agree. personas would be what I would add next

[5:54:35 PM] Weekend Testing: nice, what else can we include for testing notepad?

[5:54:42 PM] Weekend Testing: Hardware comptability?

[5:55:11 PM | Edited 5:55:17 PM] Trisha agarwal: +1

[5:55:35 PM] Trisha agarwal: I Liked the permission too which included in your testing

[5:55:58 PM] Weekend Testing: What if we did not have enough space

[5:56:11 PM] Trisha agarwal: but i am unable to open christian maps shared

[5:56:35 PM] Weekend Testing: Maybe, the system doesn't let the user to open the apps

[5:56:55 PM] Weekend Testing: in such cases when resources are scarce

[5:57:08 PM] Christian Kram: oh, well it is basically three fields of interest: taking notes, editing notes, file interactions

[5:57:52 PM] Christian Kram: so it's rather about functions and interfaces

[5:58:37 PM] Trisha agarwal: 5 known microsoft standard are of web , is it for stand alone system? or you meant something different

[5:58:49 PM] Trisha agarwal: okay .

[6:01:06 PM] Weekend Testing: what else can we think of?

[6:01:39 PM] Trisha agarwal: we can think of opening it from command prompt and using from the same place

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[6:01:44 PM] Trisha agarwal: rather than GUI

[6:01:59 PM] Weekend Testing: Command prompt and options is indeed a good idea

[6:02:00 PM] Christian Kram: comparing same version on different os.

[6:02:13 PM] Trisha agarwal: Thank you

[6:02:58 PM] Weekend Testing: Now that we understand what is a model and have a basic idea of modelling an application, we should practice modelling Notepad to our satisfaction (~1hour) and share it.

[6:03:20 PM] Weekend Testing: comparing same version on different os.yes, same product on different OS - compatibility

[6:04:36 PM] Trisha agarwal: can we test any other product , my current notepad++ is having some issue . I am able to find or replace . even though the character are no 1st line it wil not search

[6:05:27 PM] Trisha agarwal: we can test Date in different fromat in notepad

[6:05:37 PM] Trisha agarwal: with settings

[6:05:41 PM] Christian Kram: I am sorry, but I will have to leave now. But thanks a lot for the interesting session!

[6:06:44 PM] Weekend Testing: thanks a lot, Christian for participating and sharing your views.

[6:07:07 PM] Weekend Testing: This chat transcript will be up at <http://weekendtesting.com/?p=4097>

[6:07:12 PM] Weekend Testing: see you next time.

[6:07:35 PM] Weekend Testing: Thanks, Trisha too for being there till the end even though you came a bit late.

[6:07:37 PM] Trisha agarwal: Thank you for the sessions

[6:07:57 PM] Weekend Testing: Special thanks to Michael Bolton who helped us understand more about Test Modelling.

[6:08:00 PM] Trisha agarwal: i didnt know today we have WT IST

[6:08:09 PM] Weekend Testing: Thanks everyone, we will see you again, soon.