

- **Are there any other actors involved other than project management/tech illiterate users?**

Only developer and viewer.

- **What level of competency can be expected from the user?**

Drag file into browser, open html file in folder, anyone can open it.

- **What diagrams are supposed to be connected and how do you determine which diagrams are to be connected?**

Right click on the block in the sequence diagram. We can't expect all references to be made in code, we have to interpret some of the connections.

For example rc in sequence is a part in bdd.

Inclusions were what the summer job got stuck on. Ex. including definition for "kg".

- **Are there any preferences for how the diagrams are drawn? Any specific algorithms?**

No.

- **How big of a project is this supposed to support? For example: ballpark number on amount of variables, amount of different diagrams and anything else that may scale.**

Don't overdo it, make a plan for everything but we probably only have time to implement a small part. It should be possible for others to take over our project and implement the rest of it.

- **Can we assume that the SysML code provided to our web solution is correctly written?**

Use SysML code from Eclipse as examples

- **What does Jan have in mind when it comes to the interactivity with the different diagrams?**

- Should a user be able to click on a diagram to just display extended information about it? Something like only showing the most important information at first glance but on clicking the diagram extend with more specific information.
Yes, right click to get a menu that gives options of what we want. More diagrams of a specific block, actions. Get a list of instances.
- Should a user be able to click on a diagram and then be taken to the next level of abstraction/nested diagram? For example a State-Machine diagram for *Driving a car* which is using an *ignition on* transition should be able to interact with the *ignition on* transition to show for example a Activity diagram for this *ignition on* transition.

Yes.

- How should the correct diagrams be chosen? Should the user after clicking a diagram choose what kind of diagram they want the next level to be represented by? Take the example above, how should we know it is

an Activity diagram of the *ignition on* instead of the Sequence diagram for the *ignition on* transition?

- How many levels of nested interactivity is sufficient? Should this be dependent on the input SysML file or a restriction within the browser implementation in itself?

As deep as the modeler made it.

- **Does Jan have any reflections on implementation from before when this project was in development?**
 - What is prioritized the most? Interactivity of a specific test case and to get that interactivity right or to implement all the groundwork of syntax parsing, displaying all kinds of diagrams, blocks, references etc?

Planning should be done for all types of diagrams and afterwards we implement as much as we have time for. Interactivity > viewing, can look bad if its interactive.

- **How should the files be shared between users?**

His imagination is you get a folder with the .sysml file and the .html and you double click index.html to open.

- **How should the files be uploaded for the web application to be used?**

Drag file into browser, open html file in folder, anyone can open it.

- **Are there any specific options that should be present in the web application?**

nope

- **If the interactivity is a problem, would a list on the side be a workable temporary solution?**

Yes

- **Are any diagrams more important?**

Bdd, ibd and sequence are used most

- **Should there be a menu(homepage) where you choose what system to view?**

Whatever works, doesn't care too much about how it looks/works.

- **Should there be authentication?**

Not at this point, no.

Main goal for implementation:

For next week: Start to think HOW we are going to parse the files from the bachelor thesis and understand why/where Tommy got stuck

In the code folder add meeting notes