Dawid Wozniak:
OK, let's start. So, it is the third iteration, so it is almost the last one. The last one will be just the comparison and here it is mostly what I've done. So, there would be probably some bugs fixing or maybe some small feature added, but nothing major and I have a few questions as always. But first of all, if you go there, you supposed to see that the version is 30. So. it means that it is the 3rd iteration. So, let's start with some repository. It needs to load now. So, the first change in this particular iteration, it is about being able to resize some parts, so you can see that here you can make it wider here. You can also make it smaller in the width and height so you can decide by yourself how big it's supposed to be and for now there is not any constraints that you can make it like not visible, almost not readable. So, you need to be careful. If you make it too wide, then you have also scrollbars, but I think that it's OK because you can always decide what is best for you. So, it is something that was addressing feedback from the second iteration. Many people reported that it would be nice to be able to resize those things, so if you open the particular file like here, the GitTruck and we have still two tabs and if you go to „commits" now, we have two separate sectiosn what is called filters and we have the same filters as we used to have. So, we can search by part of the commit message, let's say, „update". Then it's filtrated. We have authors, so you can also search by author. You can say, OK, I just wanted to see all commits done by Dawid and then you see only come is done by me. You can also exclude me. So here, now there are two options. So, you can just see all commits done by other people. As you can see, there is the autocompletion, so that's something that was also addressed. So, we don't need to go to the metrics and see the top contributor to be able to type something here. You don't need to do it. There are all authors that are in this repository. There are also dates. Nothing changed here except the one small thing that now you can also specify time. So, if you are really curious what happened between this particular time to this particular time, you can do this and then we have sorting. So now when you have dates, but maybe I'm not that good enough, maybe I'm curious about authors, so you can also see. OK, so there are all commits done by all people except Dawid then you can sort by the author, so you can also see, OK, I am the most interested in Emilia's commits. Now, it is everything what was changed in this view. But I added that the single commit view so when you click on the particular commit, you can see some details like the commit message, commit description, commit hash, when it was created and who created that. Here you supposed to see the visualisation of these changes. So, my first question is, what do you think about the UI in general? Do you like it? Something should be improved? Something should be clearer? There is also one change that I forgot to mention that if you don't want to see those metrics because they kind of overlap with this detail tab, you can also close this one and close this one. Then you have more space just for the details when you close the detail view, they are still there, you just need to expand it. If they are collapsed, then they are gone when you go to the detail view. Yeah. So, coming back to my question, what do you think about the UI?

Jakub:
Yes so generally I like it quite a lot. Maybe, it would be nice if you were able to like minimise the left panel as well. If you can do that...

Dawid Wozniak:
You mean minimising or resizing it or just closing?

Jakub:
Minimising, minimising actually just clicking a button to close it.

Dawid Wozniak:
OK, so for now it's not possible, but you can just make it like not visible in this view. So, then it's gone

and you can resize it. Here. It's not exactly what we have here, so you have these nice arrows to expand and collapse the view, but it is possible in the different way.

Jakub:

Yeah, but maybe it would be nice if every single part of the UI had that option. I don't know how feasible that is, but I kind of think that maybe if you were able to, like, move things around like, you know, for example, you have like a certain window, like the left panel, the right panel, so that if you were able to, like, move it somewhere, that could be nice. But I also imagine that it's not something very, very important.

Dawid Wozniak:

It's important to have the good user experience so even if I don't manage to do it now, it would be on the list to do so. It's good that you mentioned that.

Jakub:

Alright. Ohh yeah and about the commits… I kind of like it though I think the UI might be a little bit... How do you say that? Not intuitive, so to say, because for example, if you go to „general" tab and then you have this filtering part, I think that „include" and „exclude" might be a bit too big. So, for example, if you say „include", it's supposed to only include people from a certain category, right, like or only people that you chosen and I kind of think that „include" would mean that show all comments including all of those people, maybe I'll just change the name here generally.

Dawid Wozniak:

Yeah. So, for now, it includes all peoples because you didn't choose any author. If you have just one author, then you include just this person.

Jakub:

Yeah, but I would probably say that it would be better to use a word like „choose" or something like that, generally. Maybe it would be nice if you could, like I, I don't know if that makes sense, if you could mix the philtre so like include this person, you know, but actually it doesn't make sense because now you can do that… OK, never mind. Yeah, about the rest, I really think that it's nice that you've added the commit messages so now that you can see which person did It, all the different, like, you know, messages and descriptions and all of that, that's really nice. One thing, it would be nice, if you have "created by" so like when you have the person's name or like generally if you click on the person's name or the initials or the username, it would lead you to like the person's GitHub or something like that. That could be like a nice feature. Possibly if that was like, you know, to be kind of like a geek crack, and then you could have the three dots showing , you know, different commits and like the history of commits and all that. That's probably very expensive and that's a lot of work. So, yeah, I really like what you've done here so far and the ability to basically see each commit and which files were affected and all of that. That's really nice.

Dawid Wozniak:

OK, so I have another question. So, when you think about this commit messages here and I think that I've ask you that during the first iteration, what would be the most useful insights from them? So, now you can filter them. You can sort them, you can see some details including description, hash, created by sone person, the visualisation of changes. But is there anything else that you think that should be here about commit messages so some filtering, sorting, some other feature related to this particular part of commit?

Jakub:

Uh, yeah, so I think filtering is really important because like I imagine now you can filter by that a lot

of different metrics, right? So, like part of messages and love that. So that's really nice that you can basically look for particular commits. I would say that you want to find a commit where you're like mention somebody or you want to find a comment where you did some work or something, then it's quite easy to like to find it in here. I haven't seen a software that does that. So that's nice. So, I think that's a really good thing. I also like that you have this feature so basically you can look at all the commits that met the certain criteria and then basically just go to each one of them and see all the different information. Then also that you have information such as hash or stuff like that. So that you can easily go to the commit in GIT. So, I think that's quite nice improvement that just came into my mind would be maybe if it was possible like clicking on the half of the commit, that would allow you to, you know, go to the commit like, you know, basically just launch the command in the console and just checkout that commit or something like that, that would be quite nice. But generally I like the whole overview that gives you and ability to basically go back and keep in history and look for certain messages and data.

Dawid Wozniak:
Yeah, that's good feedback. So, do you have any suggestion for filtering and sorting in general or that was it what you said?

Jakub:
Could you show me the sorting thing options once again?

Dawid Wozniak:
Yeah. So, it's just date and just author. So, if you choose date, you have the view as it is now and if you choose author, then you have just the name of the people. So here, you just include one person. So just me, but if you exclude it, then you have more people and you can just see commits grouped by a person who prepared them. You can have them in their accessing and descending order. It's the same with the date. So, we have two types.

Jakub:
Yeah, but you can still search for commit with certain messages, right? Like if you. for example, type in three, it is going to find it. OK, that's nice. Yeah, I think that's quite nice. I mean, what else would you want to sort by? I mean, the date and the author and what else? And I don't think there are many things that you might want to sort by. Yeah, I think that looks good enough already. There's not much I can think of to be improved.

Dawid Wozniak:
So now when you open the detail of the commit, you should be able to see the visualisation of the changes so you can see which files were changed. What do you think about that? Should it be extended, or should it be just without it? What do you think about the visualisation part?

Jakub:
Yes. So generally, I quite like it. I mean, maybe instead of just showing which files were affected, you could add some colours to show which were modified where there were deletions and when there were additions. That's another gimmick. But maybe like you could basically split the wheels, you know, the wheels that are in the presentation and split them light into like smaller like pizza slices, so to say and then basically divide the wheel as such when you call it. Show the percentages and then each percentage would show how many additions, deletions, and all of that was in the certain file. So that would be like a nice kind of visualisation. But yeah, I like. I like the idea of basically just showing you the files that were affected and like it greys out the rest of them. It's really cool. It kind of shows you that extensive route changes.

Dawid Wozniak:

So now I have another question, but it's something that is not there, but it might be there. So, if you select the file, let's say this one and then you have a list of commits. So, all these comments somehow include this file, but they also include other files. Do you think that it would be useful to see which files are more likely to be edited with this file? Or do you think that it is not that useful knowledge?

Jakub:

I mean, it might be useful because. Well, it won't take a lot of insight and maybe a lot of like work outside of this particular area. But generally, maybe you could see patterns. So, like if you have some like very old files. I'm talking right now about the very old system and then if some files that are written badly, like you see that one of them whenever something's being changed, some other file needs to be changed as well. Then you could maybe see some patterns. Probably, it would be like a lot of work, you can include some AI.

Dawid Wozniak:

Yeah, but I think that here it is more about the statistical approach. So, you can see that if you change this file, you in 100% change also this file or in a 50% you also change this file and then we can show it to you. So, it is more statistic than AI in the idea from my side.

Jakub:

Yeah, I mean, I'm not sure how much I would use it, but I imagine that managers and like people in charge would definitely find that useful because well, then you could see which files depend on which files and then kind of it could show you kind of like a dependency tree because like not all dependencies are really very obvious, right? So, it could be like a good tool to find dependencies between like for example JavaScript files and stuff like that, like different files in the front end, the different flow of files. So, I think that would be nice, yes.

Dawid Wozniak:

OK, that's great and do you see any role of the commit messages in such a relation that we describe that this file needs to be added when you edit this file? Do you think that the commit messages somehow are important in the process of this relation?

Jakub:

Commit messages in the process of editing different files?

Dawid Wozniak:

Yeah. So, let's say that I have all commits that include this file and that file and I have them. Let's say that there are ten of them. It is a quite small project and all 10 have commit messages. So, do you think that it is important to do some magic with this commit messages or the existence of this relationship is the most important knowledge for you?

Jakub:

So maybe you could like check which keywords appear the most over the commit messages between the two files, right? Except for that, you're going to have the view of the different comment messages anyway. So, I don't think that would add much inside because I would probably arrive at that view from the commit messages, right? So well, you could maybe just show the them if you click on a file. you can just show the commit history to certain file but I don't think that it will have much to do with like a couple of different files.

Dawid Wozniak:

So, if you go to the commit tab, we are showing the comments that are for this particular fight.

Jakub:

Yeah, I know that. I think only maybe like you could select two files, but I don't think that would be very important at all.

Dawid Wozniak:

OK, that's nice feedback and another question. So, when you have those commits, some of them are big commits that include a lot of files, and they change a lot of stuff and there are also small commits that they change one line or one file. Is it important for you to know which type of commits are big ones, medium ones or the small ones, size wise?

Jakub:

I mean, sometimes it's really nice to see it because then you know how many changes you done a lot or not, then you can, like, find this commit more easily. But I imagine actually you could add like, you know, those green plus sign and red minus in the GitHub. So maybe you could add that to the commit history, you know, the single commit information, you would have like how many additions, how many deletions, all of that, was in a certain commit, but except for that, I don't really see the usage for that. I mean it would be just easier to browse through history. Maybe, then you could add other filter like sorting by number of additions or deletions.

Dawid Wozniak:

OK, that's nice feedback. Now when you know this new structure and all the changes that was done here, what would be your primary use for this tab when you would go there to see something, to change something, to sort by some commits? Yeah. So that's the question.

Jakub:

Ohh, probably I would go there if I wanted to find some specific commit. Specifically, if I was looking for a commit by commit message. So, like if I knew that I wrote something and then semi colon, then I would probably just go there and type it, try to look for that particular commit message. And yeah, generally just looking for it. It's where I did something and then to see what I've done, like what were the changes. Maybe, how much work somebody has done in a certain area. If I need like, you know, verify their progress. Generally, those two use cases came to my mind.

Dawid Wozniak:

OK, that's nice feedback. Is there anything else that you would like to say about the product? So, it is the third iteration. So, I guess that maybe you have some idea not related to the commits or commit history or commit messages, just to the product.

Jakub:

I don't think so. I think I've said everything that I had in mind so far. I mean generally, maybe it would be nice after you start this command, like, you know ,the command to launch GitTruck, if all the files would delete themselves, because as I checked last time, they didn't. I had to delete them manually. So that's one thing but except for that nothing.

Dawid Wozniak:

Yeah. So, the question is how you define files. We use here json file in the background and then we use it for the analysts, so it's left there on purpose in the temp folder, so it's updated. Then when you clean just temp data, it should be gone. So, it's that kind of removing process. So, we put it in the temp folder to let you know like to the system that you can just remove these files.

Jakub:

OK. I don't remember what it was. I just remember cleaning it, but generally, it's fine. I mean thing you could maybe like make it into actual like you know software that you can install on your PC? That's probably out of the scope for this. I don't see any other changes that you could do right now.

Dawid Wozniak:

Okay, so thank you for this meeting. There would be one more iteration when you compare the new version, like this version with a few changes to the version with a version without this commit view. Then, we will talk about the differences, how we are going to use the Git track with this commit history view and insights from the commit messages and how you would use it without it. So, I will of course, invite you. I think that it would be at the end of April, maybe beginning of May. It depends when it suits you. So, thank you one more time for giving me your feedback and hopefully we will see each other next time. Probably I will bring some chocolate or some other gratification for you for helping me so thank you one more time.

Jakub:

Thank you I can't wait to get the chocolate for participation.s