Sprint 2 report

09.06.23

Innhold

Group members

Oscar, Jan Roger, Jesper, Vegard, Bjørnar, Peter, Espen, and Joakim

Day 1 Sprint planning (Monday 05.06.23)

When we started planning our sprint this week, we wanted to improve something we had discussed the week before. We realized that we needed to break down the tasks into smaller and more manageable sizes. With that in mind we started breaking down what we wanted to achieve this week. Our main goal this week was to create an MVP we could present to the product owners. To achieve this, we needed to develop the Frontend for our project. Since we are using React, we also needed to route the different React functions to the specific end points, more specifically routing to the various React functions.

After the sprint planning was done, we started developing components such as the Header for the project. There was some additional learning involved in terms of learning the Flexbox framework for CSS. This was a fun process, and progress was shown quickly as the development continued throughout the day.

There was some discussion on how we were to implement our individual code with each other, but this was resolved on day two. The complications on this matter came from merging our work to GitHub and creating the various GitHub branches.

In retrospect, the sprint planning went well and was an improvement from the week before. Also, we were efficient in starting the process the very same day that the sprint planning was completed.
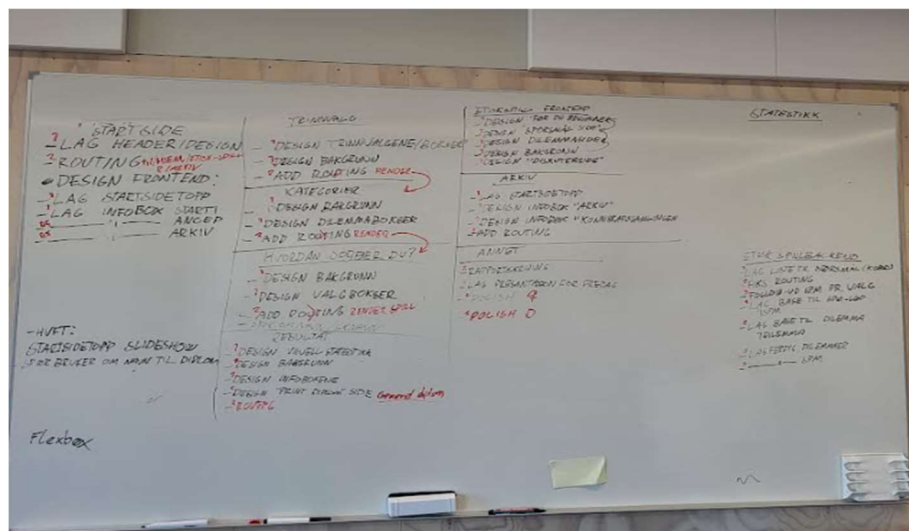
Product backlog before adding it to Scrumwise

Day 2 First official start on the MVP (Tuesday 06.06.23)

During day two we officially started developing our MVP. In our daily scrum we discussed whether to use a template generated code from Figma or build the entire frontend from scratch, modeling the prototype. We decided to build the whole thing from scratch to reduce the amount of debugging required. During the day we also got our first case of absence due to illness. This gave us a great chance to prove that the effort we put into improving our skills last week proved fruitful. The absent group member also had the opportunity to work remotely during the day, so the absence did not require any permanent restructuring of our dev team.

By the end of the day several of the group members had specialized in different skills which made the rest of the week more goal oriented. A couple of the dev team members took it upon themselves to further educate themselves on the basics of CSS and expanded upon this knowledge during the day. With this knowledge, they produced the styling of our application's front page. With the solid foundation we had established, the group became optimistic about the work ahead.

Day 3 (07.06.23)

During day 3 we continued working with the front-end of our pages. Unfortunately, we had two members that were sick that day. The group still felt confident that we would pick up the pace as our CSS/react skills were only getting better. At this point we were able to visualize how our final product would look, and the individual pages were starting to come together.

We spent most of the time creating CSS code to make the pages look good and be responsive. The group members who were experienced with CSS spent the day educating and helping the rest. The group members working on the back end started test-routing and ended up with a homepage successfully linking to a test-page.

Day 4 (08.06.23)

We started off where we left off on day 3. We had to finish the CSS and the functions for returning the HTML code for each page. At the same time, some members of our team were finishing the header that would be used on all pages. This meant we did not have to create a header for each page since we are using JavaScript with React to render the application.

The header includes routing for the entire page. After we finished all the individual pages, we had to swap out the test routing pages with the actual pages that should be rendered. This would end up taking up the rest of the day as we had some bugs with the CSS, but changing all elements class-names to unique names was the solution! When all the pages were updated, we called it a day as our MVP was done.

Up until day 4 we had mostly worked on separate files, so now we had to create routes, with react Router, so we could connect the files together. The solution we came up with was to have one "main" router which handles the front page and archive page, then a separate router, which handles all routes for the game.

The programming students in the group have had experience with react router in previous courses, so the main router was easy to setup, but we had some difficulties with the game routing. We solved this by setting up a test routing, which just linked to empty html sites, to make sure that the routing worked correctly. After the routing was working as intended, it was time to convert the routes to the correct sites.
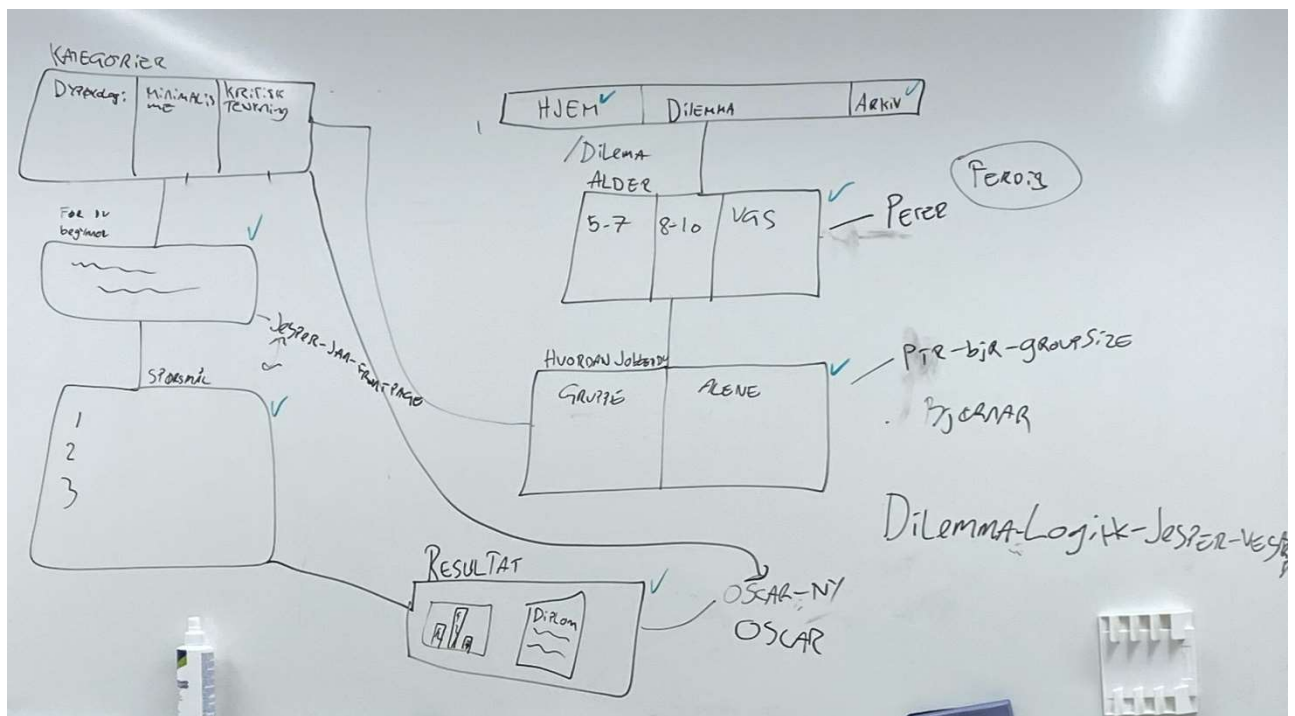
When we converted from test-routing to the correct pages. We used the whiteboard in the study -room to track the process, assign pages to members, and what git branch the pages were available at. We chose to do it like this so everyone would know what needed to be done.

During the day, we spent more time on finalizing our MVP for our presentation, meaning we spent more hours than previous days. This is the first day we spent more time than anticipated to reach our goal for the week, but everyone agreed it was worth it to complete the MVP.

Day 5 plus retrospective (Friday 09.06.23)

The group met at 10.00 Am, and we use the morning to make final preparations for our presentation while others started with refactoring filenames and deleting unnecessary files (test files etc.). We agreed as a group that this would be necessary for an easy startup on Monday. Then we had the presentation of our MVP. The presentation went well, and we got valuable feedback from the product owners that we will keep in mind for our next sprint planning. Some of the feedback was already points we have included in our product backlog, and we already discussed some points that we will look more into next week.

Sprint review

We had a task which involved polishing our questions for our Ethical game, we wanted to complete this task by the end of the week, but we did not manage to complete it because of other tasks that needed to be completed. So, we decided to push this task to next week so we could reach our goal of finalizing our MVP. Since the MVP required a lot more time than anticipated, we would not have been able to complete our MVP if we had not pushed the polishing of our questions back.

Sprint retrospective

What worked

We all still agree on meeting physical every day at 10 AM and start each off with a Daily SCRUM meeting. In that way we can continue the productivity and good communication.t There was some illness in our group this week, but we still managed to complete our main goals despite this. Meeting in person helps us to synchronize our work and enables us to stay updated on each other progress. Communication has been good throughout the entire project and has been further improved by experience and continued teamwork.

What did not work so well

We have not been as good at updating the task board and logging our hours, since it has been a busy week and many of our group members have been occupied with completing their individual tasks. We have also worked a lot in pairs, so the delegation of tasks has not always been representative of the work done, and it was not always clear which group member had the responsibility of marking the task as complete.

Burndown graph

The progress for the burndown graph stagnated for a while, this was due to incomplete work during the first days, but this was quickly resolved when the work started to show, and we managed to complete specific tasks. We were not worried about this though, we knew that we would manage to complete most of the work this week.

In conclusion, the burndown graph shows a significant drop in the middle of the week, as expected. But we need to be more aware of the tasks and communicate more whether we consider a task "Done" by definition.
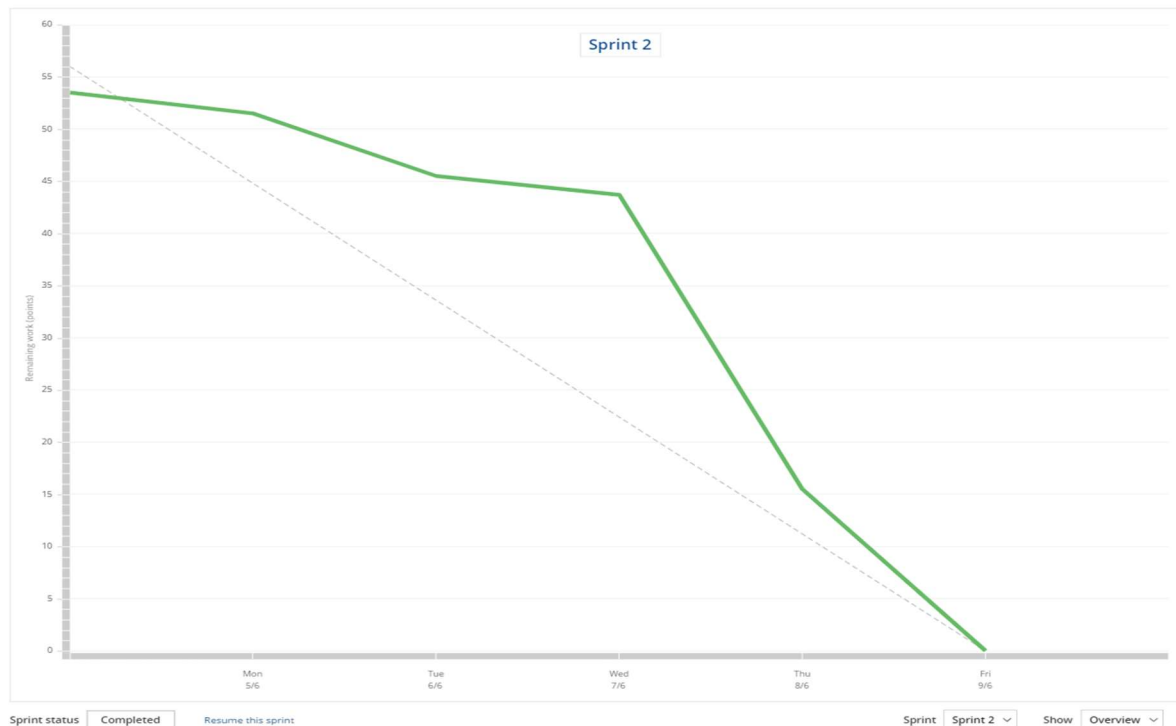

GIT

We had everyone working on different branches and we would add the files needed from each branch to the main branch. We did this to minimize git-merge conflicts because that would be more work for us. The only downside is that the commits from the individual branches did not show up in main, and it was only possible because we worked in the same room all week to maintain communication. We mostly worked in pairs this week, and that is why you can see many of the same names appearing in the commit log, when there may be three people who worked on that commit.

fikset startside		94b2038
imbaaah committed 16 hours ago		
Added Question front-end		53d9499
dpoxodp committed 16 hours ago		
mer overflow		f0a86eb
imbaaah committed 17 hours ago		
Merge branch 'dilemma-logikk-vegard-jesper' of https://github.com/vyt... ...		d11878b
imbaaah committed 17 hours ago		
overflow fix		28c1b61
imbaaah committed 17 hours ago		
Merge branch 'dilemma-logikk-vegard-jesper' of https://github.com/vyt... ...		28566cf
oscarvde committed 17 hours ago		
Endret klasse-navn		f2440ff
oscarvde committed 17 hours ago		
Merge branch 'dilemma-logikk-vegard-jesper' of https://github.com/vyt... ...		84306d1
imbaaah committed 17 hours ago		
fixed		4e43b9e
imbaaah committed 17 hours ago		
Merge remote-tracking branch 'origin/dilemma-logikk-vegard-jesper' in... ...		437330a
dpoxodp committed 17 hours ago		
Added real Group size page		342fa3c
dpoxodp committed 17 hours ago		
Merge branch 'dilemma-logikk-vegard-jesper' of https://github.com/vyt... ...		53b518b
oscarvde committed 18 hours ago		
Legge til bilder		0ab5eab
oscarvde committed 18 hours ago		
Merge branch 'dilemma-logikk-vegard-jesper' of https://github.com/vyt... ...		8f4c010
CatsEatingCake committed 18 hours ago		

Snippet from commit log, main branch

Active branches

Branch	Update		Counts		
dilemma-logikk-vegard-jesper	Updated 4 minutes ago by vytre		6 | 13	New pull request	
oscar-ny	Updated 20 hours ago by oscarvde		85 | 11	New pull request	
Archive-Bjrnr	Updated yesterday by dpoxodp		66 | 6	New pull request	
jesper-jan-frontpage	Updated yesterday by CatsEatingCake		85 | 15	New pull request	
Trinnvalg-peter	Updated yesterday by imbaaah		83 | 11	New pull request	
kategori-espen-joakim	Updated yesterday by Espenlauritsen		85 | 2	New pull request	
Trinnvalg-espen-joakim	Updated yesterday by Joalau		85 | 3	New pull request	
ptr-bjr-groupSize	Updated yesterday by imbaaah		83 | 6	New pull request	
main-feature-branch	Updated 2 days ago by jessieYay		65 | 0	New pull request	
react-6.4-bjrnr	Updated 2 days ago by dpoxodp		85 | 8	New pull request	
React-test-Peter	Updated 2 days ago by vytre		72 | 0	#3 Merged	
peter-test	Updated 3 days ago by imbaaah	✕	83 | 0	New pull request	

All active branches

The GitHub repository readme file has a summary and description of how to run the application. Since the website is hosted on Azure websites, we have included the azure link here, together with the GitHub action badge.

We also included a standard section, where we have a summary of which code standards we use in our project.

Readme file

Sprint backlog

We managed to complete most of our backlog items, but we had to move three items to next week's sprint.

Spint planing	2 p	Sprint completed

<div align="right">Rapport</div>

Scrum Retrospective 2	1 p	Sprint completed

<div align="right">Frontpage</div>

Create/design header	Frontpage	1 p	Sprint completed

<div align="right">Frontpage</div>

Create "Startside-topp"	Frontpage	1 p	Sprint completed

<div align="right">Frontpage</div>

Create first infobox	Frontpage	1 p	Sprint completed

<div align="right">Frontpage</div>

Create info-box "ANCEP"	Frontpage	0.5 p	Sprint completed

<div align="right">Frontpage</div>

Create info-box "Arkiv"	Frontpage	0.5 p	Sprint completed

<div align="right">Frontpage</div>

Create routing for frontpage	2 p	Sprint completed

<div align="right">Age group choice</div>

Create page and background	Age group	1 p	Sprint completed

<div align="right">Age group choice</div>

Create buttons	Age group	1 p	Sprint completed

<div align="right">Age group choice</div>

Add rendering	Age group	2 p	Sprint completed

<div align="right">Categories</div>

Create page and background	Categories	1 p	Sprint completed

<div align="right">Categories</div>

Create buttons	Categories	1 p	Sprint completed

<div align="right">Categories</div>

Add rendering	Categories	2 p	Sprint completed

<div align="right">Group Size</div>

Create page and background	Group Size	1 p	Sprint completed

<div align="right">Group Size</div>

Create buttons	Group Size	1 p	Sprint completed

Sprint backlog

Add Rendering | Group Size	2 p	Sprint completed

Add header | Archive	0.5 p	Sprint completed

Create "startsidetopp" | Archive	1 p	Sprint completed

Create info-box "Arkiv" | Archive	1 p	Sprint completed

Create infobox for "kunnskapssamlingen" | Archive	1 p	Sprint completed

Add rounting | Archive	2 p	Sprint completed

Create page and background | Result	1 p	Sprint completed

Create static statistics | Result	1 p	Sprint completed

Create info-boxes | Result	1 p	Sprint completed

Add routing | Result	2 p	Sprint completed

Create question page | Ethical game	1 p	Sprint completed

Create dilemmas page | Ethical game	1 p	Sprint completed

Create Disussion prompt page | Ethical game	1 p	Sprint completed

Add rendering | Ethical game	2 p	Sprint completed

Create list for questions | Ethical game	1 p	Sprint completed

Create question component | Ethical game	3 p	Sprint completed

Create dilemma component | Ethical game			3 p	Sprint completed
Report writing			2 p	Sprint completed
Create presentation			2 p	Sprint completed
Update readme.md			1 p	Sprint completed
Sprint 3		Start this sprint	In planning	
T24_Brussels			5 / 56 points	
Polish dilemmas			2 points	
Polish questions			2 points	
			Result page	
Create "Print diplom"-page | Result			1 point	

Here you can see the three tasks we did not manage to finish. They were de-prioritized because they were not important for the MVP. In this week's sprint review we moved them to the sprint backlog for next sprint.

Time Lists

Monday 5/6	Bjørnar	2 hours	Felles sprintplaning	In the backlog item "Spint planing week 2"
Monday 5/6	Bjørnar	1.5 hours	Adding everything to...	In the backlog item "Spint planing week 2"
Monday 5/6	Peter	2 hours	Felles Sprint Planning	In the backlog item "Spint planing week 2"
Monday 5/6	Jan Roger	2 hours	Sprint planning for Sprint 2	In the backlog item "Spint planing week 2"
Monday 5/6	Vegard	2 hours	Sprintplaning	In the backlog item "Spint planing week 2"
Monday 5/6	Espen	2 hours		In the backlog item "Spint planing week 2"
Monday 5/6	Joakim	2 hours	Sprintplaning	In the backlog item "Spint planing week 2"
Monday 5/6	Espen	4 hours		In the backlog item "Create page and background | Categories"
Monday 5/6	Bjørnar	1.5 hours	Started working w page....	In the backlog item "Create page and background | Group Size"
Monday 5/6	Joakim	4 hours		In the backlog item "Create page and background | Age group"
Monday 5/6	Oscar	2 hours	Jobbet med resultatsiden...	In the backlog item "Create static statistics | Result"
Monday 5/6	Oscar	2 hours	Jobbet med resulatsiden...	In the backlog item "Create page and background | Result"
Monday 5/6	Oscar	1 hour	Jobbet med resultatsiden...	In the backlog item "Create info-boxes | Result"
Monday 5/6	Peter	1 hour		In the backlog item "Create info-box "Arkiv" | Frontpage"
Monday 5/6	Peter	1 hour		In the backlog item "Create info-box "ANCEP" | Frontpage"
Monday 5/6	Jan Roger	2 hours	Designed header	In the backlog item "Create/design header | Frontpage"
Monday 5/6	Jan Roger	2 hours	Worked on the Frontpage	In the backlog item "Create "Startside-topp" | Frontpage"
Monday 5/6	Peter	2 hours		In the backlog item "Create first infobox | Frontpage"
Tuesday 6/6	Jesper	2 hours	Sprint planning...	In the backlog item "Spint planing week 2"
Tuesday 6/6	Joakim	2 hours		In the backlog item "Create page and background | Categories"
Tuesday 6/6	Espen	4 hours		In the backlog item "Create page and background | Categories"
Tuesday 6/6	Espen	2 hours		In the backlog item "Create page and background | Age group"
Tuesday 6/6	Joakim	4 hours		In the backlog item "Create buttons | Age group"
Tuesday 6/6	Vegard	4 hours	Setting up routing using...	In the backlog item "Add routing | Archive"

Day	Person	Hours	Note	Backlog item
Tuesday 6/6	Bjørnar	2 hours	B4 i went to work	In the backlog item "Add header | Archive"
Tuesday 6/6	Oscar	2 hours	Lagde resultat siden på...	In the backlog item "Create static statistics | Result"
Tuesday 6/6	Oscar	2 hours	Lagde resultat siden på...	In the backlog item "Create page and background | Result"
Tuesday 6/6	Oscar	1 hour	Lagde resultat siden på...	In the backlog item "Create info-boxes | Result"
Tuesday 6/6	Jesper	2 hours		In the backlog item "Create routing for frontpage"
Tuesday 6/6	Peter	3 hours		In the backlog item "Create info-box "Arkiv" | Frontpage"
Tuesday 6/6	Peter	3 hours		In the backlog item "Create info-box "ANCEP" | Frontpage"
Tuesday 6/6	Jesper	2 hours		In the backlog item "Create "Startside-topp" | Frontpage"
Tuesday 6/6	Jan Roger	6 hours	Worked on the Frontpage	In the backlog item "Create "Startside-topp" | Frontpage"
Tuesday 6/6	Jan Roger	0.5 hours	Worked on the Frontpage	In the backlog item "Create "Startside-topp" | Frontpage"
Tuesday 6/6	Peter	3 hours		In the backlog item "Create first infobox | Frontpage"
Wednesday 7/6	Espen	3 hours	Flexbox // syk	In the backlog item "Create page and background | Categories"
Wednesday 7/6	Peter	2 hours		In the backlog item "Create page and background | Group Size"
Wednesday 7/6	Joakim	3 hours	Flexbox // syk	In the backlog item "Create page and background | Age group"
Wednesday 7/6	Bjørnar	5 hours	5 hours of real pain	In the backlog item "Create "startsidetopp" | Archive"
Wednesday 7/6	Oscar	2 hours	Prøvde å gjøre...	In the backlog item "Create page and background | Result"
Wednesday 7/6	Oscar	2 hours	Prøvde å gjøre den...	In the backlog item "Create info-boxes | Result"
Wednesday 7/6	Oscar	3 hours	Worked on...	In the backlog item "Create Disussion prompt page | Ethical game"
Wednesday 7/6	Peter	1.5 hours		In the backlog item "Create Disussion prompt page | Ethical game"
Wednesday 7/6	Jan Roger	7 hours	Worked on the Frontpage	In the backlog item "Create question page | Ethical game"
Wednesday 7/6	Vegard	2 hours		In the backlog item "Create routing for frontpage"
Wednesday 7/6	Peter	3 hours		In the backlog item "Create "Startside-topp" | Frontpage"
Thursday 8/6	Peter	1 hour		In the backlog item "Create page and background | Categories"
Thursday 8/6	Espen	3 hours	React // syk	In the backlog item "Add rendering | Categories"
Thursday 8/6	Peter	0.3 hours		In the backlog item "Create buttons | Categories"
Thursday 8/6	Peter	0.5 hours		In the backlog item "Create page and background | Group Size"
Thursday 8/6	Peter	0.5 hours		In the backlog item "Create buttons | Group Size"
Thursday 8/6	Peter	2 hours		In the backlog item "Create page and background | Age group"
Thursday 8/6	Peter	1 hour		In the backlog item "Create buttons | Age group"
Thursday 8/6	Joakim	3 hours	Prøvd å få inn react// syk	In the backlog item "Add rendering | Age group"
Thursday 8/6	Peter	1 hour		In the backlog item "Add rendering | Age group"
Thursday 8/6	Vegard	2 hours	Worked on routing for th...	In the backlog item "Add rounting | Archive"
Thursday 8/6	Bjørnar	6 hours	Finished archive	In the backlog item "Create info-box "Arkiv" | Archive"
Thursday 8/6	Oscar	2 hours	Finished result page	In the backlog item "Create static statistics | Result"
Thursday 8/6	Oscar	3 hours	Finished result page	In the backlog item "Create page and background | Result"
Thursday 8/6	Peter	1 hour		In the backlog item "Create page and background | Result"
Thursday 8/6	Oscar	2 hours	Finished result page.	In the backlog item "Create info-boxes | Result"
Thursday 8/6	Vegard	2 hours	Worked on routing on th...	In the backlog item "Add routing | Result"
Thursday 8/6	Jesper	1 hour		In the backlog item "Add routing | Result"
Thursday 8/6	Jan Roger	6 hours	Finalizing dilemmas	In the backlog item "Create dilemmas page | Ethical game"
Thursday 8/6	Vegard	1 hour		In the backlog item "Add rendering | Ethical game"
Thursday 8/6	Jesper	1 hour		In the backlog item "Add rendering | Ethical game"
Thursday 8/6	Jan Roger	5 hours	Finalized questions for th...	In the backlog item "Create question page | Ethical game"
Thursday 8/6	Bjørnar	4 hours	Adding all pages to main,...	In the backlog item "Create dilemma component | Ethical game"
Thursday 8/6	Jesper	2 hours		In the backlog item "Create routing for frontpage"
Thursday 8/6	Vegard	4 hours	Routing from frontpage t...	In the backlog item "Create routing for frontpage"
Thursday 8/6	Jesper	3 hours		In the backlog item "Create routing for frontpage"

Thursday 8/6	Peter	2 hours		In the backlog item "**Create/design header | Frontpage**"
Friday 9/6	Peter	2 hours		In the backlog item "**Create static statistics | Result**"
Friday 9/6	Peter	3 hours		In the backlog item "**Create page and background | Result**"
Friday 9/6	Vegard	3 hours	Report Writing	In the backlog item "**Report writing**"
Friday 9/6	Oscar	4 hours	Report writing.	In the backlog item "**Report writing**"
Friday 9/6	Jesper	4 hours		In the backlog item "**Report writing**"
Friday 9/6	Bjørnar	4 hours	Report writing	In the backlog item "**Report writing**"
Friday 9/6	Joakim	4 hours	Report writing.	In the backlog item "**Report writing**"
Friday 9/6	Espen	4 hours	Report writing	In the backlog item "**Report writing**"
Friday 9/6	Jan Roger	4 hours	Report writing	In the backlog item "**Report writing**"
Friday 9/6	Bjørnar	1 hour		In the backlog item "**Create presentation**"
Friday 9/6	Jan Roger	1 hour	Helping the Scrum maste...	In the backlog item "**Create presentation**"
Friday 9/6	Vegard	1 hour	Updated readme.md file...	In the backlog item "**Update readme.md**"