

SEP2-S19 Scrum

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Definition of done

Done means it is reviewed, implemented, tested, integrated, documented.

Scrum framework

We will be running sprints of 3 days (24 hours) this means that we will have a total of 72 work hours divided amongst the group members. Every SEP meeting will start with a Scrum meeting, where each group member will answer the following questions:

- 1) What did I do yesterday that help the Development Team meet the Sprint Goal?
- 2) What will I do today to help the Development Team meet the Sprint Goal?
- 3) Do I see any impediment that prevents me or the Development Team from meeting the Sprint Goal?

A burndown chart will be made accordingly after every Scrum meeting.

When a sprint has finished there will be held a sprint review, where every group member must show what he/she has been working on during the sprint.

The final thing we will do is to have a sprint retrospective, where the group will discuss what things the group should continue doing, stop doing or perhaps start doing.

Product backlog

As a user I want to be able to create my own personal account, so I can participate in the community.

As a user I want to be able to login, so I can use the system.

As a user I wish to be able to make post(s) so that my poetry is stored in a feed.

As a user I want my posted poetry to be visible to other users, so other people can enjoy it

As a user I wish to see a common feed between all users, where all posted poetry is displayed, so that I can browse poetry posts.

As a user I want to have my own personal page, which displays information about me such as first name, last name, email, date of birth, username and a picture of my choice.

As a user I want the ability to remove a post I have posted, so I can remove them from the forum.

As a user I want to be able to edit my posts, so I can correct mistakes.

As a user i want to be able to delete my account so that I can leave the community.

As a user I want to be able to comment on others poetry so that I can give constructive feedback.

As a user I want to be able to have a friends list, so I can have a small community within a larger one.

As a user I want to be able to send friend requests to other users, so I can build my own personal community.

As a user I want to be able to remove my comments so that I can remove my input if I consider it inappropriate.

As a user I wish to have my own posted poetry displayed on my account/profile, so people can see a compilation of my poetry.

As a user I want to be able to sort all poetry in the common feed by rating, so I can see a list of the top-rated poetry.

As a user I want to be able to sort all poetry in the common feed by genre, so I can sort for the poetry I'm in the mood for.

As a user i want the ability to rate other people's poetry so that we can have feedback from each other.

As a user I wish to see a leader board consisting of the top-rated poets, so I can see a list of the top-rated poets.

As a user I want to be able to delete friends, so I can manage my friends list.

As a user I want to be able to send private messages to other users, so I can share my thoughts privately.

As a user I want to be able to receive private messages from other users, so I can talk in private.

As a user I want the ability to change my username, so I can keep it new and trendy.

As a user I want to be able to change my password, in order to keep my account secure.

As a user I want the friends list to display which users are currently active and which are not, so I can see a list of friends who are available to discuss poetry.

As a user I want the ability to report a post so that we can have inappropriate posts removed.

As a user I want the ability to ignore other accounts so that I will not see their poetry again.

As an admin I want to be able to delete other users comments so that I can remove unwanted input.

As an admin I want to be able to delete other users posts so that we can avoid spam.

As an admin I want to be able to ban users, so they can't bother other users.

As an admin I want to be able to lock a post so that no user can post further comments, in order to keep a civil tone on the forum.

Sprint I

Scrum span: 09-05-2019, 16-05-2019, 19-05-2019, 20-05-2019.

Total work hours available: 72.

Sprint backlog

TASK ID	NAME	WEIGHT
1	Main architecture	13
2	As a user I want to create an account	9
3	As a user I want to login	4
4	As a user I want to make a post	14.5
5	As a user I want my posted poetry to be visible to other users	12
6	As a user I want the ability to filter all poetry posted on the forum	8.5
7	As a user I want to be able to comment on posts	11
		Total: 72

TASK 1	WEIGHT	OWNER	STATUS
CREATE CLIENT-SERVER CONNECTION	4.5	Sebastien	
MAKE SERVER - DATABASE CONNECTION	4.5	Tamas	
TEST	2.5	Lau	
DOCUMENTATION	1.5	Sebastien, Tamas	
TOTAL:	13		

	WEIGHT	OWNER	STATUS
CLASS DIAGRAM	1	Everyone	
ER-DIAGRAM	1	Everyone	
DESIGN LOGIN GUI	1	Tamas	
DB TABLE IN SQL	1	Tamas	
IMPLEMENTATION	2.5	Lau	
TESTING	1.5	Lau	
DOCUMENTATION	1	Lau & Tamas	
TOTAL:	9		

TASK 3	WEIGHT	OWNER	STATUS
EXTEND CLASS DIAGRAM	1	All	
IMPLEMENTATION	1.5	Sebastien	
TESTING	1	Lau & Tamas	
DOCUMENTATION	0.5	Sebastien	
TOTAL:	4		

TASK 4	WEIGHT	OWNER	STATUS
DESIGN FORUM GUI	2.5	Tamas	
EXTEND CLASS DIAGRAM	1.5	Everyone	
EXTEND ER DIAGRAM	1	Everyone	
CREATE DB-TABLE(S) WITH SQL	0.5	Tamas	
IMPLEMENTATION	6	Sebastien	
TEST	1.5	Lau	
DOCUMENTATION	1.5	Sébastien	
TOTAL:	14.5		

TASK 5	WEIGHT	OWNER	STATUS
EXTEND CLASS DIAGRAM	1	Everyone	
EXTEND CLIENT SERVER CONNECTION	4	Tamas	
IMPLEMENTATION	4	Lau	
TESTING	1	Sebastien	
DOCUMENTATION	2	Lau & Tamas	
TOTAL:	12		

TASK 6	WEIGHT	OWNER	STATUS
EXTEND CLASS DIAGRAM	1	Everyone	
EXTEND FORUM GUI DESIGN	1	Tamas	
EXTEND DB-TABLES IN SQL	1	Tamas	
IMPLEMENTATION OF FILTERING SYSTEM	3.5	Lau	
TEST	1	Tamas	
DOCUMENTATION	1	Lau	
TOTAL:	8.5		

TASK 7	WEIGHT	OWNER	STATUS
EXTEND CLASS DIAGRAM	1.5	Everyone	
EXTEND FORUM GUI DESIGN	1.5	Everyone	
EXTEND ER-DIAGRAM	1	Everyone	
EXTEND DB-TABLES WITH SQL	1	Tamas	
IMPLEMENTATION	4	Sebastien	
TESTING 1..2..3.. TEST	1	Lau	
DOCUMENTATION	1	Sebastien	
TOTAL:	11		

NAME	TOTAL HOURS THIS SPRINT
LAU RAVN NIELSEN	33
SÉBASTIEN MALMBERG	32
TÁMAS FEKETE	34.5

Scrum meeting day I.

A brief summary of our first scrum meeting in sprint I.

Date of meeting: *Thursday 16th of May 2019.*

Date of the next meeting: *Monday 20th of May 2019.*

Tamas

Since the last meeting Tamas has been completed the ER Diagram for the database, database connection, code for inserting and connecting variables from the database. He will be working on the forum GUI, the Login and Create Account GUIs, implement additional tables in SQL and implement the Live Feed.

The only problems he is experiences is the fact, that we are currently waiting for each other to finish tasks before one can proceed with what he has to do.

Sebastien

Since the previous meeting Sebastien has implemented the server connection, the Login page, made a simple GUI for the Create Account. Additionally, he has started class diagram, designed the Login GUI and implemented the Main architecture. He will be working on Create Account implementation and the implementation of Task 4 (As a user I want to make a post).

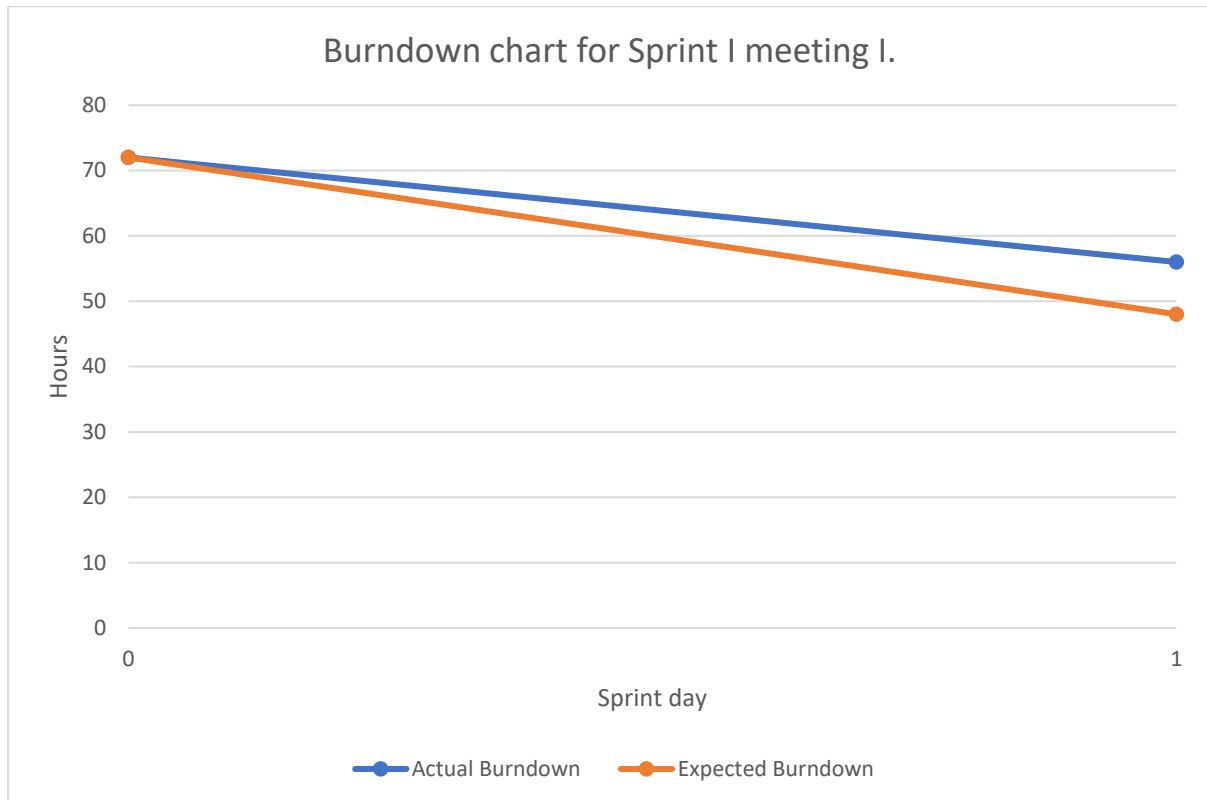
Sebastien shares the same concern as Tamas, that we are currently waiting for one another to finish a certain aspect of the project, before one can continue.

Lau

Lau has been working on Scrum documentation and formatting the main documents for the final Reports since the group meeting on the 9th of May. He will be testing the Main Architecture and work on the Login implementation. Furthermore, he will be working furiously on getting up to speed on the Process and Project reports and compiling our current appendices.

There are currently no problems.

Burndown chart



As seen on the Burndown chart, we are currently eight hours behind the expected Burndown, this is mainly due to us working on tasks unrelated to the sprint backlog.

Attendance

Sébastien Malmberg – **Present**

Tamás Fekete – **Present**

Lau Ravn Nielsen – **Present**

Scrum meeting day II.

A brief summary of our second scrum meeting in sprint I.

Date of meeting: *Monday 20th of May 2019.*

Date of the next meeting: *Tuesday 21st of May 2019.*

Tamas

Tamas has worked on interfaces, but he ran into trouble with the database connection. This has resulted in him being stuck. He will ask Jens for guidance with the database connection and design.

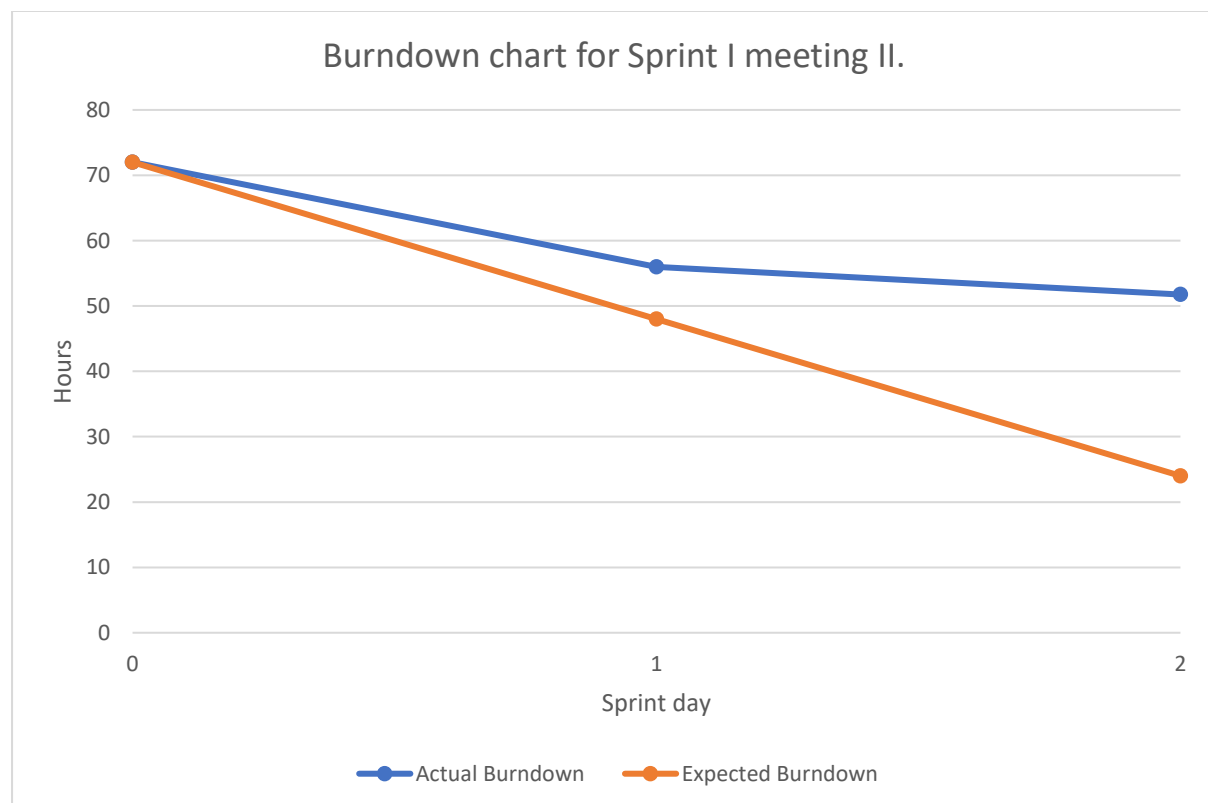
Sebastien

Sebastien has worked on task 3 As a user I want to make a post. Whilst working on task 3 he ran into problems regarding how to display the post in the GUI. He has spent a great deal of time researching how to make a cell for a post to exist in. However, he will let it be until Wednesday where he can ask Troels for advice. In the meantime, he will work on Create account. Create account view, design of create account GUI & implementation expanded the class diagram.

Lau

Lau has worked on the process and project report. The only problems right now are his health and motivation.

Burndown chart



Attendance

Sébastien Malmberg – **Present**

Tamás Fekete – **Present**

Lau Ravn Nielsen – **Present**

Scrum meeting day III.

A brief summary of our third scrum meeting in sprint I.

Date of meeting: *Tuesday 21th of May 2019.*

Date of the next meeting: *Sprint ended.*

Tamas

Tamas has been working on the interfaces for the database, however he is still having a hard time with the database connection, because Jens has not been available yet.

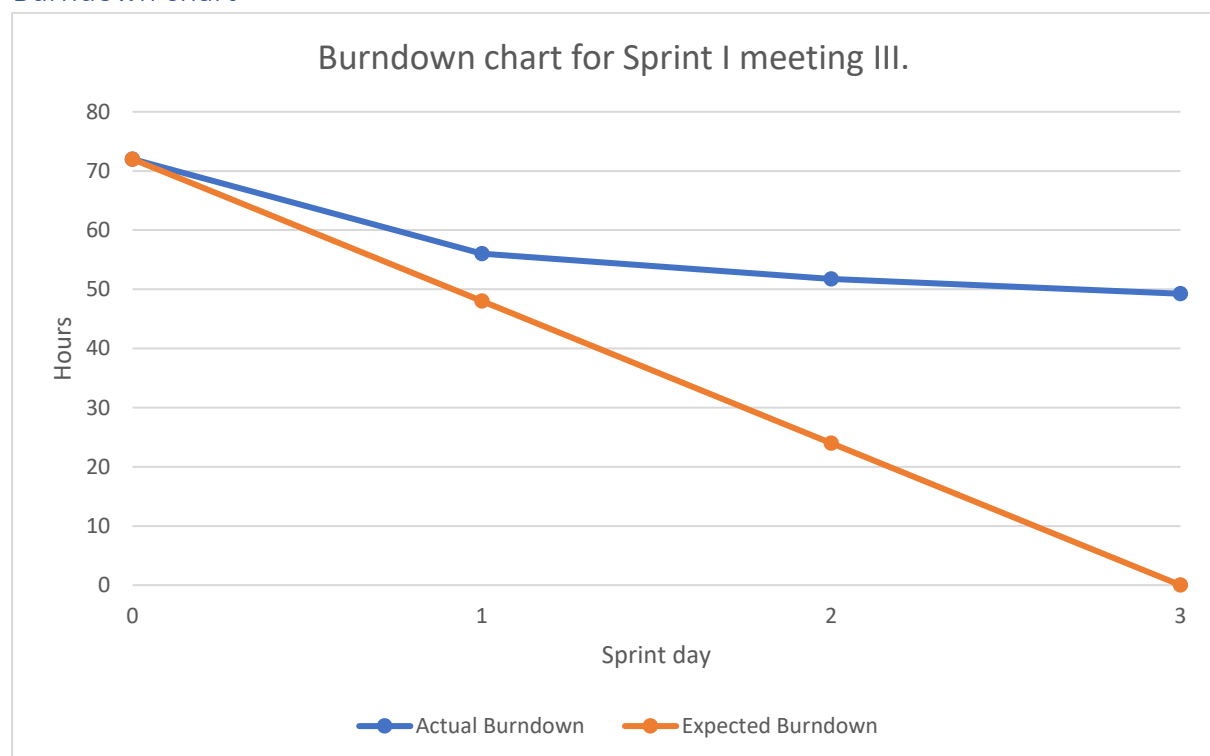
Sebastien

Sebastien has been working on the create account implementation and design. He has been doing further research on the “make a post” implementation, however, he is still stuck so he is going to ask Troels for guidance tomorrow, Wednesday 22nd.

Lau

Lau has worked on the introduction of the process report. Furthermore, he has started assembling all our current project report work into the main document. Currently experiencing problems with GitHub.

Burndown chart



Attendance

Sébastien Malmberg – **Present**

Tamás Fekete – **Present**

Lau Ravn Nielsen – **Present**

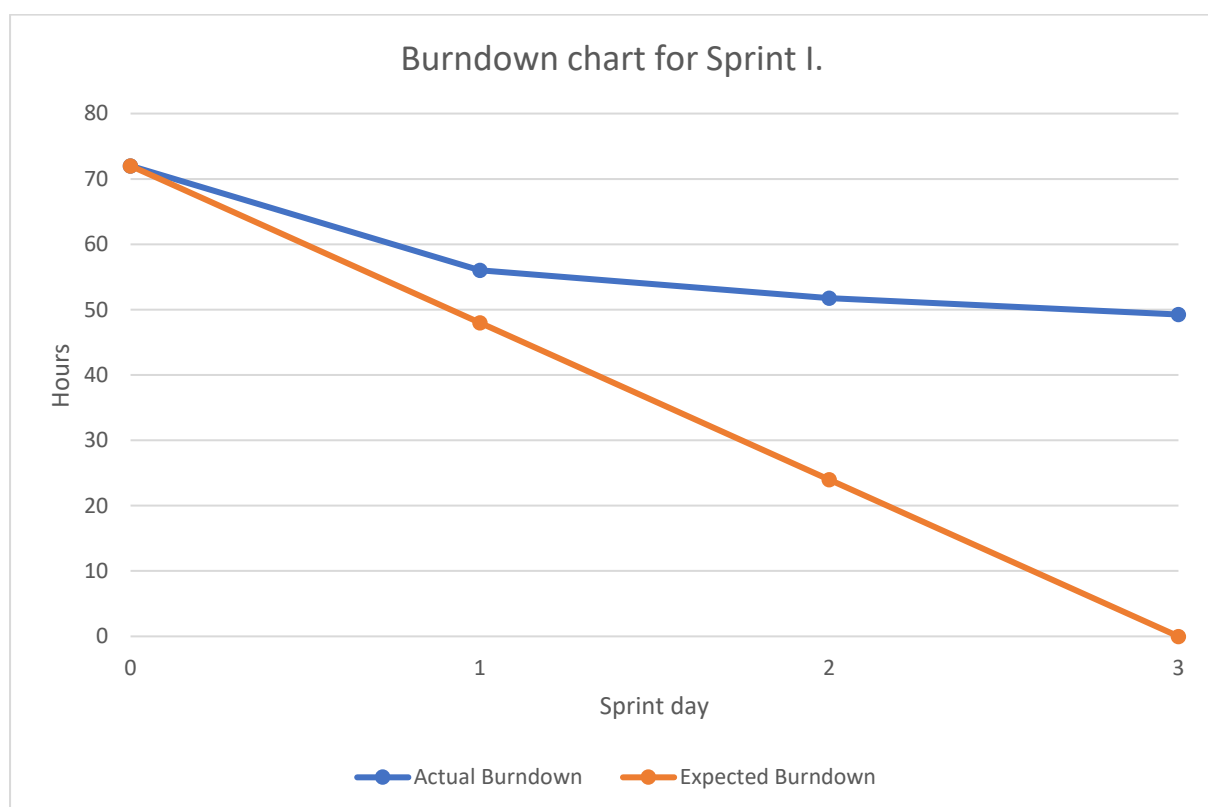
Sprint I review

So far nothing from the product backlog is “done”. However, the developer team has made great progress with the main architecture, create account, and login.

During the sprint the developers experienced a mix of problems. The biggest problem was the time they had to wait for another developer to finish a piece of work, before they could continue working on the next thing in the Sprint backlog to solve this, owners of tasks have been unassigned. Additionally, they have expressed problems with coming up with a solution of different implementations due to lack of available knowledge amongst the developer team to solve this they have sought guidance from the supervisors. Lastly there have been problems with file sharing over GitHub, where certain developers could not pull the latest code this was solved by remaking the repository.

Lastly some developers have spent a great deal of time working on items that were not a part of the sprint backlog, this has caused the developer team to fall short of the time-goals that were set. This was primarily due to the sprint backlog not being made correctly in the first place. To ensure this does not happen again, the team be more efficient with the planning and ensuring it is done correctly.

The developer team agrees that the next sprint will mostly consist of the remaining bits of the sprint backlog tasks from sprint I. However, everyone agrees that the time estimates on the tasks must be revisited.



Below is the updated Sprint planning:

Task 1	Weight	Owner	Status
Create client-server connection	0	Sebastien	
Make Server - Database connection	0	Tamas	
Test	0	Lau	
Documentation	1.5	Sebastien, Tamas	
Total:	1.5		

Task 2	Weight	Owner	Status
Class diagram	0	Everyone	
ER-diagram	0	Everyone	
Design login GUI	0	Tamas	
DB table in SQL	0	Tamas	
Implementation	0	Lau	
Testing	1.5	Lau	
Documentation	1	Lau & Tamas	
Total:	2.5		

Task 3	Weight	Owner	Status
Extend class diagram	0	All	
Implentation	1.5	Sebastien	
Testing	1	Lau & Tamas	
Documentation	0.5	Sebastien	
Total:	3		

Task 4	Weight	Owner	Status
Design forum GUI	1.25	Tamas	
Extend class diagram	1.5	Everyone	
Extend ER diagram	0	Everyone	
Create DB-table(s) with SQL	0	Tamas	
Implementation	6	Sebastien	
Test	1.5	Lau	
Documentation	1.5	Sébastien	
Total:	11.75		

Task 5	Weight	Owner	Status
Extend class diagram	1	Everyone	
Extend client server connection	4	Tamas	
Implementation	4	Lau	
Testing	1	Sebastien	
Documentation	2	Lau & Tamas	
Total:	12		

Task 6	Weight	Owner	Status
Extend class diagram	1	Everyone	
Extend forum GUI design	1	Tamas	
Extend DB-tables in SQL	1	Tamas	
Implementation of filtering system	3.5	Lau	
Test	1	Tamas	
Documentation	1	Lau	
Total:	8.5		

Task 7	Weight	Owner	Status
Extend class diagram	1.5	Everyone	
Extend forum GUI design	1.5	Everyone	
Extend ER-diagram	0	Everyone	
Extend DB-tables with SQL	1	Tamas	
Implementation	4	Sebastien	
Testing 1..2..3.. Test	1	Lau	
Documentation	1	Sebastien	
Total:	10		

The developer team is far behind the schedule thus far, as it can be seen on the burndown chart above.

Sprint I retrospective

We have struggled with how scrum was supposed to be implemented into group work, and how scrum was structured. This has resulted in our first sprint being 4 days rather than 3. Furthermore, it has led to the problems described in the sprint review. The root of the problem stems from the planning process. We now acknowledge that sprint meetings, reviews, retrospective and planning take time away from the available 72 hours. The new expected workload per sprint is therefore 59.5 hours when taking the SCRUM process into account.

In general, we feel like the sprint went well all things considered, although we did not manage to bring the burndown chart to zero. This was mainly due to our lack of knowledge not allowing us to differentiate between the product backlog and the scrum backlog. Thus, we had a lot of tasks that had to be done, however, not given any time. Therefore, when planning our next scrum, we will make sure to differentiate between product- and scrum-backlog. And thoroughly add an appropriate weight to every task within that scrum backlog. Additionally, a lot of time was spent on researching how to do certain things in the sprint backlog. To minimize this, we will make sure to ask for help when needed, both from group members and supervisors.

Additionally, we have had a bit of a problem with some developers being in a rough situation where they have been waiting for one another to finish a task before they could continue working. To ensure this does not occur in future scrums, we have decided to be more agile and not assign developers to certain tasks during planning.

Sprint II

Scrum span: 23-05-2019, 24-05-2019, 27-05-2019.

Total work hours available: 59.5.

Sprint backlog

TASK ID	NAME	WEIGHT
A	Main architecture	10
1	As a user I want to create an account	5
2	As a user I want to login	8.5
3	As a user I want to make a post	28
B	Process report	8
		Total: 59.5

TASK A	WEIGHT	STATUS
CODE DOCUMENTATION	4	
TEST DOCUMENTATION	1	
TOTAL	5	

TASK 1	WEIGHT	STATUS
TESTING	7	
TEST DOCUMENTATION	1	
CODE DOCUMENTATION	2	
TOTAL	10	

TASK 2	WEIGHT	STATUS
IMPLEMENTATION	1	
TESTING	3	
TEST DOCUMENTATION	4	
CODE DOCUMENTATION	0.5	
TOTAL	8.5	

TASK 3	WEIGHT	STATUS
DESIGN FORUM GUI	3	
EXTEND CLASS DIAGRAM	1	
IMPLEMENTATION	13	
TEST	6	
TEST DOCUMENTATION	1	
CODE DOCUMENTATION	4	
TOTAL	28	

TASK B	WEIGHT	STATUS
INTRODUCTOIN	2.5	
GROUP DESCRIPTION	1.5	
PROJECT INITIATION	2	
PROJECT DESCRIPTION	2	
TOTAL	8	

Scrum meeting day I.

A brief summary of our first scrum meeting in sprint II.

Date of meeting: *Friday 24th of May 2019.*

Date of the next meeting: Monday 27th of May 2019.

Tamas

Tamas has been working on fixing bugs with the Database connection to the server, so Sebastien can make his post implementation work. He isn't quite done yet, so he will keep on working with it.

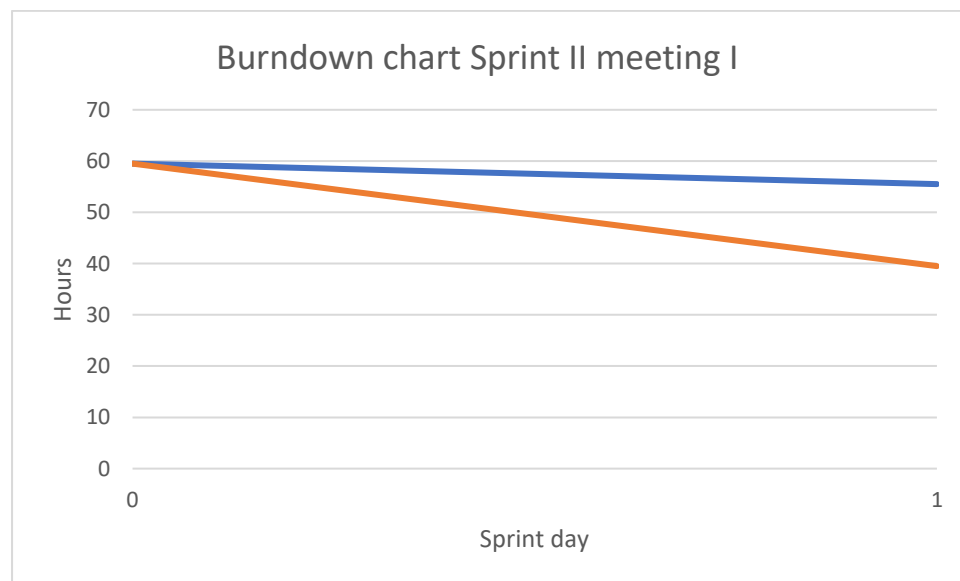
Sebastien

Sebastien has researched how to create a postCell out of a Vboc, AncorPane, ListView or scrollPane and how to then create that postCell every time a user publishes a post. Today he will continue working on that issues.

Lau

Lau has worked on the introduction to the process report, and the group description for the process report. He plans on working on the project initiation and the project description of the project report today.

Burndown chart



Attendance

Sébastien Malmberg – **Present**

Tamás Fekete – **Present**

Lau Ravn Nielsen – **Present**

Scrum meeting day II.

A brief summary of our second scrum meeting in sprint II.

Date of meeting: *Monday 27th of May 2019.*

Date of the next meeting: Monday 27th of May 2019.

Tamas

Tamas has almost finished working on the database implementation and will finish it and then move on to updating the diagrams for the database.

Sebastien

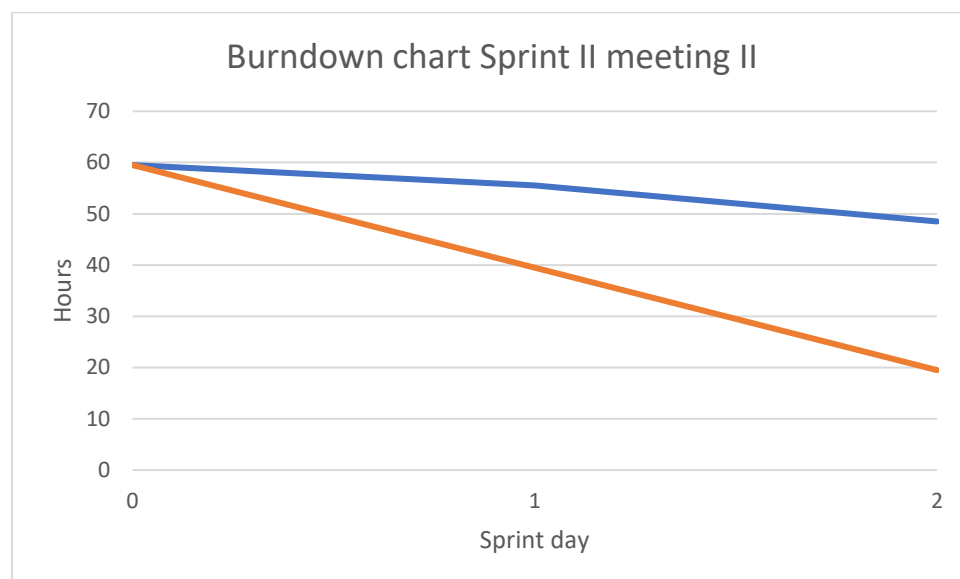
Sebastien has researched how to create a custom-made post cell and add it to a pane. However, he has found that there is not much code to go on, and it seems like an alternative way must be taken. Today he will consult one of the supervisors to see if there are any alternative ways of solving said issue.

He is afraid the supervisors will not be able to help him.

Lau

Lau has finished the project initiation and project description for the process report, and plans on working on the login implementation.

Burndown chart



Attendance

Sébastien Malmberg – **Present**

Tamás Fekete – **Present**

Lau Ravn Nielsen – **Present**

Scrum meeting day II final meeting.

A brief summary of our third scrum meeting in sprint II.

Date of meeting: *Monday 27th of May 2019.*

Date of the next meeting: Sprint ended.

Tamas

New problems has arisen with the database implementation, so Tamas is back working on the database connection to meet the needs of sebastien.

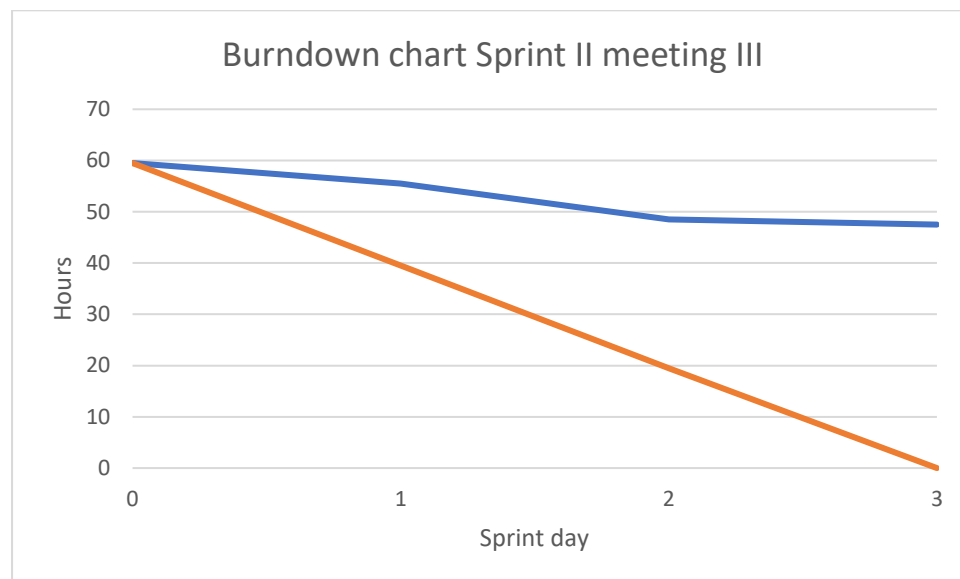
Sebastien

Sebastien has created a new FXML file containing the “post-cell” which he then successfully managed to load into an AnchorPane inside the liveFeed.FXML. However, it seams like he can only add one postCell per AnchorPane. Therefore, he attempted the same implementation for scrollPane, gridPane and VBox. However, no progress was worth mentioning.

Lau

Lau is currently stuck on the login implementation, mainly due to his lack of motivation, however he promises to get it done within the foreseeable future.

Burndown chart



Attendance

Sébastien Malmberg – **Present**

Tamás Fekete – **Present**

Lau Ravn Nielsen – **Present**

Sprint II review

No product backlog items have been completed this sprint.

The developer team has experienced that they have had to go back and implement things that the team previously thought was implemented already, however, turned out not to be implemented correctly. This has caused developers to spend time on tasks that have not been specified in the scrum backlog and thus skewing the burndown chart, like last sprint. With that being said, the developer team feels like they have improved the agility of the scrum this time around, however, they agree that there is still room for improvement, especially when it comes to the implementation of backlog items. Currently there is only one task connected to the implementation process, thus only one developer can work on that given implementation. However, the scrum framework allows for a more agile approach if we plan what subtasks the implementation consists of, and thus splitting the implementation into those subtasks instead. This way, multiple developers can help each other implement a given backlog item. The developer team, therefore, agrees to use this approach next sprint.

Furthermore, the developer team is finding it increasingly difficult to put in the hours that have been planned for them. They have looked at the total hours available each sprint and noticed that there are no breaks included. Therefore, the team will allow the developers to take 60 minutes of breaks during an 8-hour workday. Thus, the new total available hours for the team is 50.5 hours.

Additionally, the team has experienced severe problems with knowledge, thus, it has been stuck on certain tasks for a long period of time without making much or any progress that said task. This is not a problem that the team can solve, however, the right action to take is to assign more time to tasks during the sprint planning.

The team is still experiencing problems with GitHub; however, this is due to their lack of knowledge about the software. So, the affected developers must seek out knowledge about how to use GitHub on their own to ensure they understand how to use the program.

To conclude the sprint review, the scrum team agrees to spend more time planning, and be more generous with the time nominations to different tasks, allowing for extra time to research.

The updated backlog is as follows:

TASK A	WEIGHT	STATUS
CODE DOCUMENTATION	4	
TEST DOCUMENTATION	1	
TOTAL	5	

TASK 1	WEIGHT	STATUS
TESTING	7	
TEST DOCUMENTATION	1	
CODE DOCUMENTATION	2	
TOTAL	10	

TASK 2	WEIGHT	STATUS
IMPLEMENTATION	1	
TESTING	3	
TEST DOCUMENTATION	4	
CODE DOCUMENTATION	0.5	
TOTAL	8.5	

TASK 3	WEIGHT	STATUS
DESIGN FORUM GUI	0	
EXTEND CLASS DIAGRAM	0	
IMPLEMENTATION	13	
TEST	6	
TEST DOCUMENTATION	1	
CODE DOCUMENTATION	4	
TOTAL	24	

TASK B	WEIGHT	STATUS
INTRODUCTOIN	0	
GROUP DESCRIPTION	0	
PROJECT INITIATION	0	
PROJECT DESCRIPTION	0	
TOTAL	0	

Sprint II Retrospective

As mentioned before in the review, the team has agreed that bigger tasks must be split up into smaller tasks, to ensure that they get completed within the timespan of a sprint. Furthermore, the team will be more generous with time nominations when planning the sprints since the developers are finding it difficult to get the tasks done within the span of the tasks. The team has also agreed to take breaks during the day and thus reduce the expected time for them to work. They all agree to continue using SCRUM even though it does not help them a lot currently. It has been brought to our attention that we do not have to JavaDoc our code, so we have taken the liberty and changed our definition of done.

Sprint III

Scrum span: 28-05-2019, 29-05-2019, 30-05-2019.

Total work hours available: 50.5.

Sprint backlog

TASK ID	NAME	WEIGHT
A	Main architecture	1
1	As a user I want to create an account	9
2	As a user I want to make a post	20
B	Database connection	8.5
C	Project report	12
		Total: 50.5

TASK A	WEIGHT	STATUS
TEST DOCUMENTATION	1	
TOTAL	1	

TASK 1	WEIGHT	STATUS
TESTING	7	
TEST DOCUMENTATION	2	
TOTAL	9	

TASK 2	WEIGHT	STATUS
POSTING A CELL IMPLEMENTATION	5	
SAVING POSTS IN THE DATABASE	4	
GETTING POSTS FROM THE DATABASE TO CLIENTS	3	
TEST	6	
TEST DOCUMENTATION	2	
TOTAL	20	

TASK B	WEIGHT	STATUS
UPDATING UML DIAGRAMS	2	
FIXING THE DATABASE CONNECTION TO SEBASTIEN'S NEEDS	6.5	
TOTAL	8.5	

TASK C	WEIGHT	STATUS
WRITING TEXTUAL EXPLANATIONS TO DIAGRAMS	6	
REVISING THE USE CASE DESCRIPTIONS	3	
COMPILING APPENDICES	3	
TOTAL	12	

Scrum meeting day I.

A brief summary of our first scrum meeting in sprint III.

Date of meeting: Wednesday 29th of May 2019.

Date of the next meeting: Thursday 30th of May 2019.

Tamas

Tamas has finished fixing the database to meet the needs of Sebastiens 'create a post'. Today he will update the database related diagrams and testing create account.

Sebastien

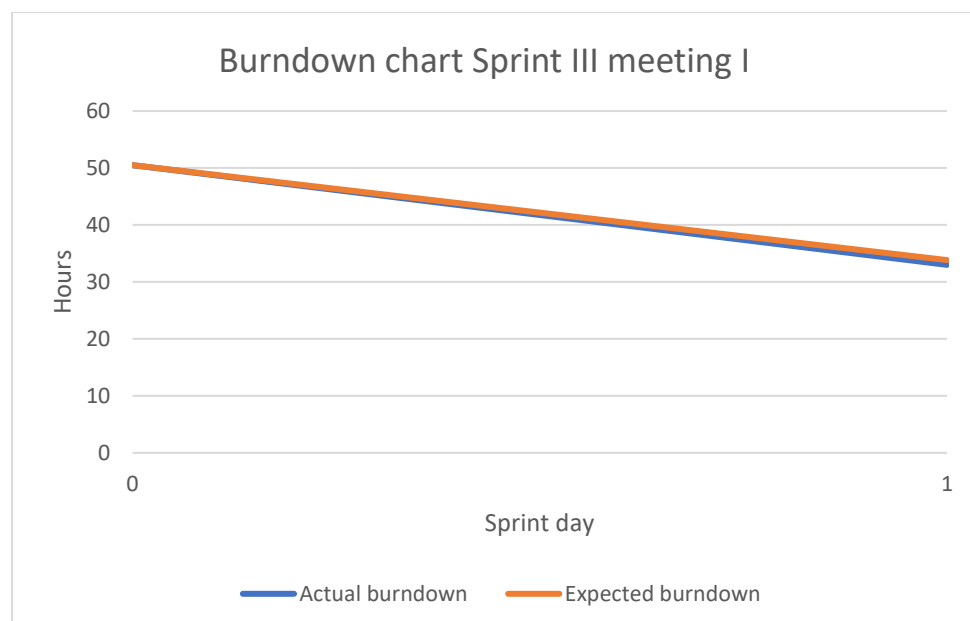
Sebastien has found a new way of creating a postCell! he made an external FXML which he then loads onto the same scene as the live feed fxml. The custom-made post cell is then added to a JFXListView which is taken from JFoenix libraries.

Today he will work on how to check for changes inside the database so that he may take whatever new post has been uploaded from the database and display it in the live feed.

Lau

Lau has finished making textual descriptions for the diagrams for the project report, today he will start working on revising the use-case descriptions and make sure nothing needs changing.

Burndown chart



Attendance

Sébastien Malmberg – **Present**

Tamás Fekete – **Present**

Lau Ravn Nielsen – **Present**

Scrum meeting day II.

A brief summary of our second scrum meeting in sprint III.

Date of meeting: Thursday 30th of May 2019.

Date of the next meeting: Thursday 30th of May 2019.

Tamas

Tamas has finished working on updating the database related UML diagrams, and today he will work on test documentation for the main architecture, and he will start testing the create post.

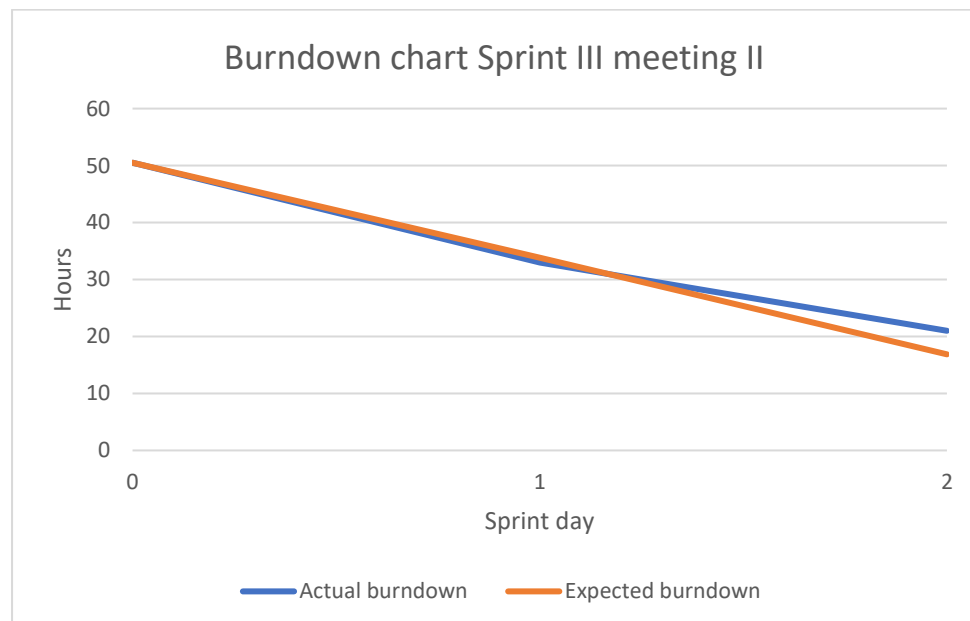
Sebastien

Sebastien has completed implementation of create post, so he can now send posts to the database, and get posts from the database. Today he will work on sending the create account information to the database.

Lau

Lau has revisited the use-case descriptions and made the necessary changes, today he will start compiling appendices, so they are ready for hand-in.

Burndown chart



Attendance

Sébastien Malmberg – **Present**

Tamás Fekete – **Present**

Lau Ravn Nielsen – **Present**

Scrum meeting day III.

A brief summary of our third scrum meeting in sprint III.

Date of meeting: Thursday 30th of May 2019.

Date of the next meeting: End of sprint.

Tamas

Tamas has finished the test documentation for the architecture and the test for create post.

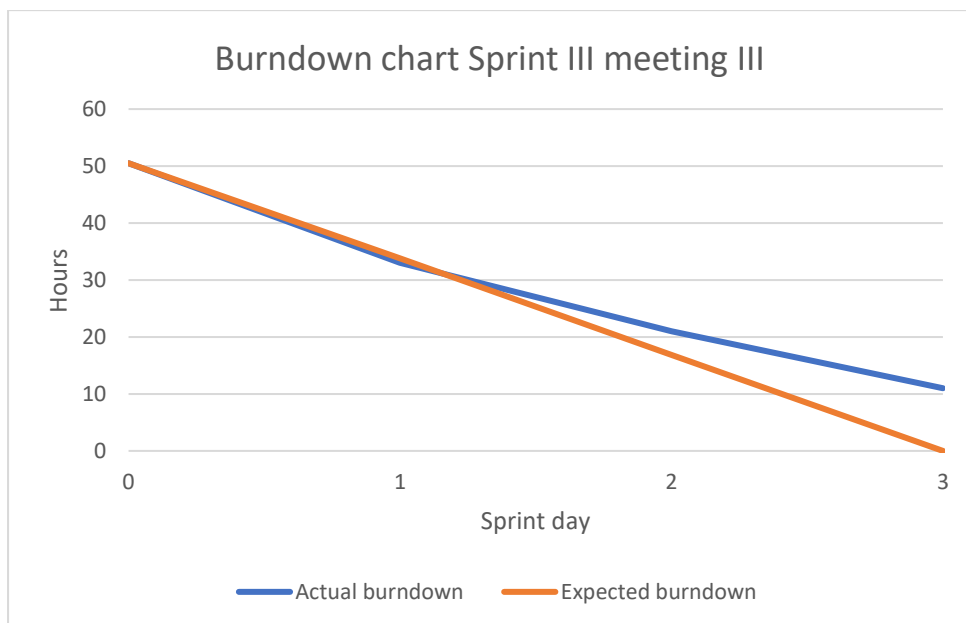
Sebastien

Sebastien has managed to send the create account data to the database from the create account view.

Lau

Lau has compiled the appendices so they're ready for hand-in with the report.

Burndown chart



Attendance

Sébastien Malmberg – **Present**

Tamás Fekete – **Present**

Lau Ravn Nielsen – **Present**

Sprint review

There's a clear consensus in the developer team that SCRUM is starting to help us with the development process. This was by far our best sprint, even though there's no backlog items that we can define as 'done', we still managed to almost keep up with the burndown chart and ended the sprint 11 hours away from the initial goal. We will continue this style of work throughout next sprint and hope for better results. This is the updated backlog for the sprint:

TASK ID	NAME	WEIGHT
A	Main architecture	0
1	As a user I want to create an account	9
2	As a user I want to make a post	2
B	Database connection	0
C	Project report	0
		Total: 11

TASK A	WEIGHT	STATUS
TEST DOCUMENTATION	0	
TOTAL	0	

TASK 1	WEIGHT	STATUS
TESTING	7	
TEST DOCUMENTATION	2	
TOTAL	9	

TASK 2	WEIGHT	STATUS
POSTING A CELL IMPLEMENTATION	0	
SAVING POSTS IN THE DATABASE	0	
GETTING POSTS FROM THE DATABASE TO CLIENTS	0	
TEST	0	
TEST DOCUMENTATION	2	
TOTAL	2	

TASK B	WEIGHT	STATUS
UPDATING UML DIAGRAMS	0	
FIXING THE DATABASE CONNECTION TO SEBASTIEN'S NEEDS	0	
TOTAL	0	

TASK C	WEIGHT	STATUS
WRITING TEXTUAL EXPLANATIONS TO DIAGRAMS	0	
REVISING THE USE CASE DESCRIPTIONS	0	
COMPILING APPENDICES	0	
TOTAL	0	

Sprint retrospective

This sprint went very well so we are going to continue in the same way with the next sprint, the project period is almost over so we hope we can stick to the planned tasks when stress starts knocking. It feels amazing finally getting some value out of the SCRUM process. There are still a few issues with developers working on things that are not planned, however we are heading in the right direction.

Sprint IV

Scrum span: 31-05-2019, 03-06-2019, 04-06-2019.

Total work hours available: 50.5.

Sprint backlog

TASK ID	NAME	WEIGHT
A	Project report	15
B	Testing	10
1	As a user I want to Login	5
2	As a user I want my own personal page	5,5
3	As a user I want my posted Poetry to be visible to others	15
		Total: 50.5

TASK A	WEIGHT	STATUS
RED LINE	5	
SECTION INTRODUCTIONS	5	
FIGURE AND TABLE CAPTIONS	2	
REFERENCES	2	
FORMATTING	1	
TOTAL:	15	

TASK B	WEIGHT	STATUS
BLACKBOX	4	
CREATE ACCOUNT	2	
LOGIN	2	
MY PAGE	2	
TOTAL	10	

TASK 1	WEIGHT	STATUS
LOGIN VIEW – PASSWORD VERFICATION	5	
TOTAL	5	

TASK 2	WEIGHT	STATUS
IMPLEMENTATION	5,5	
TOTAL	5,5	

TASK 3	WEIGHT	STATUS
CONNECTIONPOOL	5	
CLIENT	5	
SERVER	5	
TOTAL	15	

Scrum meeting day I.

A brief summary of our first scrum meeting in sprint IV.

Date of meeting: *Monday 3rd of June 2019.*

Date of the next meeting: Tuesday 4th of June 2019.

Tamas

Tamas has tested create account and helped Sebastien with the login verification. Today he will test the login and do some Blackbox testing.

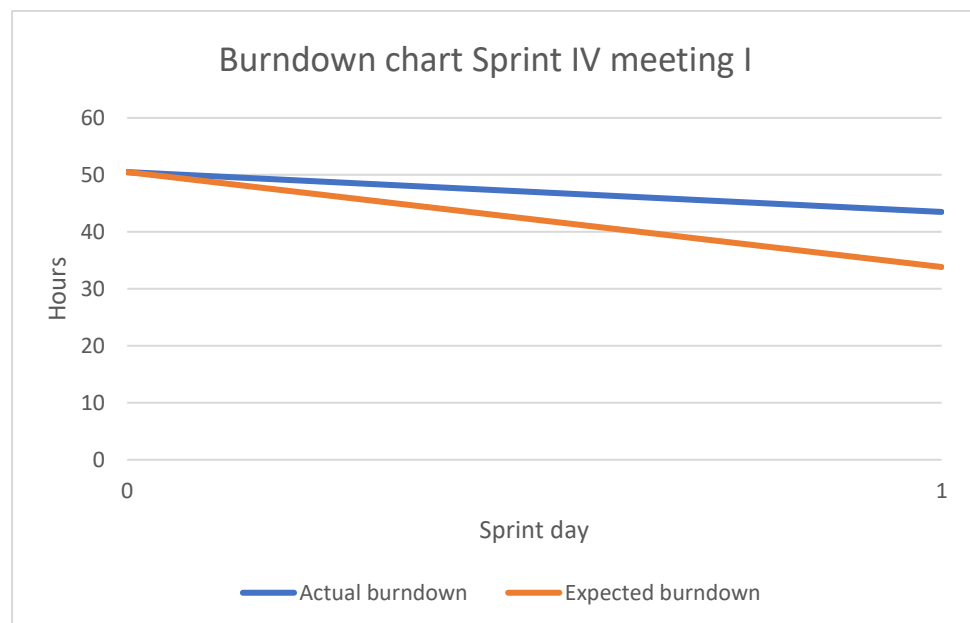
Sebastien

Sebastien has worked on the login verification with Tamas and he has been working on and off on my page implementation. Today he will see if he can finish the login.

Lau

Lau has worked on section introductions in the project report, and today he will work on ensuring the red line through the report and figure/table captions.

Burndown chart



Attendance

Sébastien Malmberg – **Present**

Tamás Fekete – **Present**

Lau Ravn Nielsen – **Present**

Scrum meeting day II.

A brief summary of our second scrum meeting in sprint IV.

Date of meeting: Tuesday 4th of June 2019.

Date of the next meeting: Tuesday 4th of June 2019.

Tamas

Tamas is done blackbox testing and he is done testing the login. Today he will work on helping sebastien getting the mypage up and running and then testing it.

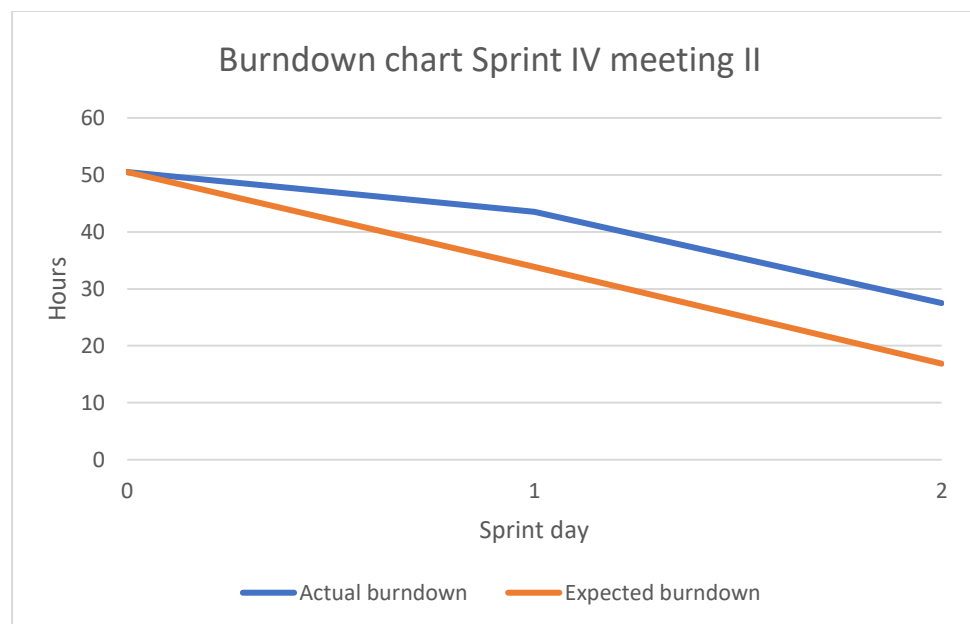
Sebastien

Sebastien got the login verification to work, it now gets the user by username from the database and then verifies that the password given is matching with the user's current password. And by adding a listener to the model, my loginModelView, then listens for two different events, "CorrectPassword" or "WrongPassword". Today he will work on the mypage implementation and start on the create post implementation.

Lau

Lau has finished making the red line through the report and he has made captions for all figures and tables. Today he will format the document.

Burndown chart



Attendance

Sébastien Malmberg – **Present**

Tamás Fekete – **Present**

Lau Ravn Nielsen – **Present**

Scrum meeting day III.

A brief summary of our third scrum meeting in sprint IV.

Date of meeting: *Tuesday 4th of June 2019.*

Date of the next meeting: Sprint ended.

Tamas

Tamas has helped sebastien with the mypage implementation, and he's done testing that very implementation.

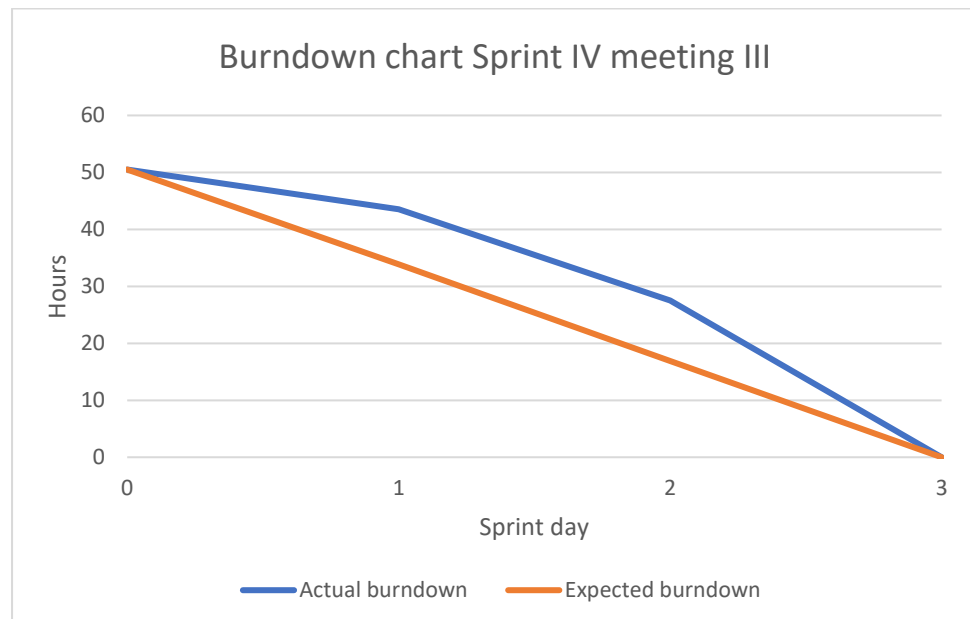
Sebastien

Sebastien has successfully managed to broadcast the posts to all clients. He created a `connectionPool` class, which has a `broadcast` method. The `broadcast` method loops through all connected clients and for each connected client sends a request to the `ClientSocketHandler`. And he successfully managed to get the poetry text displayed in the `postCell`. The `liveFeedViewModel`, now listens for the event, "`postHasBeenAdded`". When said event is triggered, `textArea` gets the new string value of the event. `TextArea` then listens for a change in value inside the `liveFeedView`, which triggers the `createNewPostBox` method.

Lau

Lau has finished formatting the document so it's ready for the final sections of the report, additionally he worked ahead and wrote the introductions to those sections. Furthermore, he has added all the references to the report.

Burndown chart



Attendance

Sébastien Malmberg – **Present**

Tamás Fekete – **Present**

Lau Ravn Nielsen – **Present**

Sprint IV review

We have had the product owner review all the product backlog items that are done. The developer team has revived every task that has been completed this sprint.

The updated backlog looks like:

TASK ID	NAME	WEIGHT
A	Project report	0
B	Testing	0
1	As a user I want to Login	0
2	As a user I want my own personal page	0
3	As a user I want my posted Poetry to be visible to others	0
		Total: 0

TASK A	WEIGHT	STATUS
RED LINE	0	
SECTION INTRODUCTIONS	0	
FIGURE AND TABLE CAPTIONS	0	
REFERENCES	0	
FORMATTING	0	
TOTAL:	0	

TASK B	WEIGHT	STATUS
BLACKBOX	0	
CREATE ACCOUNT	0	
LOGIN	0	
MY PAGE	0	
TOTAL	0	

TASK 1	WEIGHT	STATUS
LOGIN VIEW – PASSWORD VERIFICATION	0	
TOTAL	0	

TASK 2	WEIGHT	STATUS
IMPLEMENTATION	0	
TOTAL	0	

TASK 3	WEIGHT	STATUS
CONNECTIONPOOL	0	
CLIENT	0	
SERVER	0	
TOTAL	0	

Sprint IV retrospective

This was the first sprint where the team managed to get every task planned done in time for the review. It is safe to say that the team is very happy with its performance, and is looking forward to the next sprint, even though it won't have any product backlog items planned. The team has decided to use SCRUM anyways, however Sprint V will not be ended with a review since there's nothing for the product owner and customer to review. Furthermore, the team will not hold a retrospective because the project will be ending when sprint V is ending.

Sprint V

Scrum span: 05-06-2019, 06-06-2019, 07-06-2019.

Total work hours available: whatever it takes.

Sprint backlog

TASK ID	NAME	WEIGHT
A	Project report	20
B	Process report	15
C	User Guide	3
D	Installation Guide	1.5
E	Testing - again	5
F	Code cleaning	3
G	Proof reading and double checking	10
		Total: 57.5

TASK A	WEIGHT	STATUS
IMPLEMENTATION - JAVA	5	
IMPLEMENTAION - DATABASE	2	
RESULTS	2	
DISCUSSION	3	
CONCLUSION	4	
PROJECT FUTURE	2	
ABSTRACT	2	
TOTAL:	20	

TASK B	WEIGHT	STATUS
PERSONAL REFLECTIONS	6	
GROUP REFLECTIONS	3	
PROJECT EXECUTION	5	
MISC	1	
TOTAL	15	

TASK C	WEIGHT	STATUS
USER GUIDE	3	
TOTAL	3	

TASK D	WEIGHT	STATUS
INSTALLATION GUIDE	1.5	
TOTAL	1.5	

TASK E	WEIGHT	STATUS
BLACKBOX	2.5	
RE-RUN TETS	2.5	
TOTAL	5	

TASK F	WEIGHT	STATUS
CODE CLEANING	3	
TOTAL	3	

TASK G	WEIGHT	STATUS
PROOF READING AND DOUBLE CHECKING	10	
TOTAL	10	

Scrum meeting day I.

A brief summary of our first scrum meeting in sprint V.

Date of meeting: Thursday 6th of June 2019.

Date of the next meeting: Friday 7th of June 2019.

Tamas

Tamas has written his personal reflection, and he has re-run the test + done Blackbox testing again to ensure the new functionalities were tested before hand-in. Today he will write the project future and start making the user guide. Additionally, Tamas will write the implementation for the database.

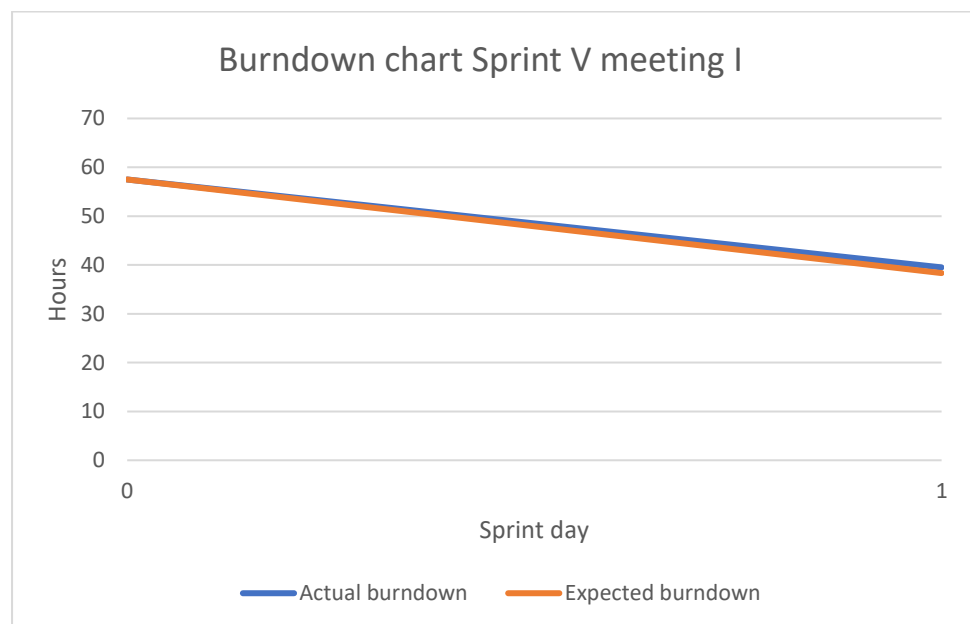
Sebastien

Sebastien has written his personal reflections. He has also cleaned the code and debugged it a little. Today Sebastien will write the implementation for Java and start on the discussion if everything is ready by then.

Lau

Lau has finished writing the project execution and the miscellaneous. He will start writing his personal reflections and the group reflections based on the other members personal reflections. Furthermore, he will write the results.

Burndown chart



Attendance

Sébastien Malmberg – **Present**

Tamás Fekete – **Present**

Lau Ravn Nielsen – **Present**

Scrum meeting day II.

A brief summary of our first second meeting in sprint V.

Date of meeting: Friday 7th of June 2019.

Date of the next meeting: Friday 7th of June 2019.

Tamas

Tamas has written the project future and the implementation for the database, today he will make the user guide and the installation guide.

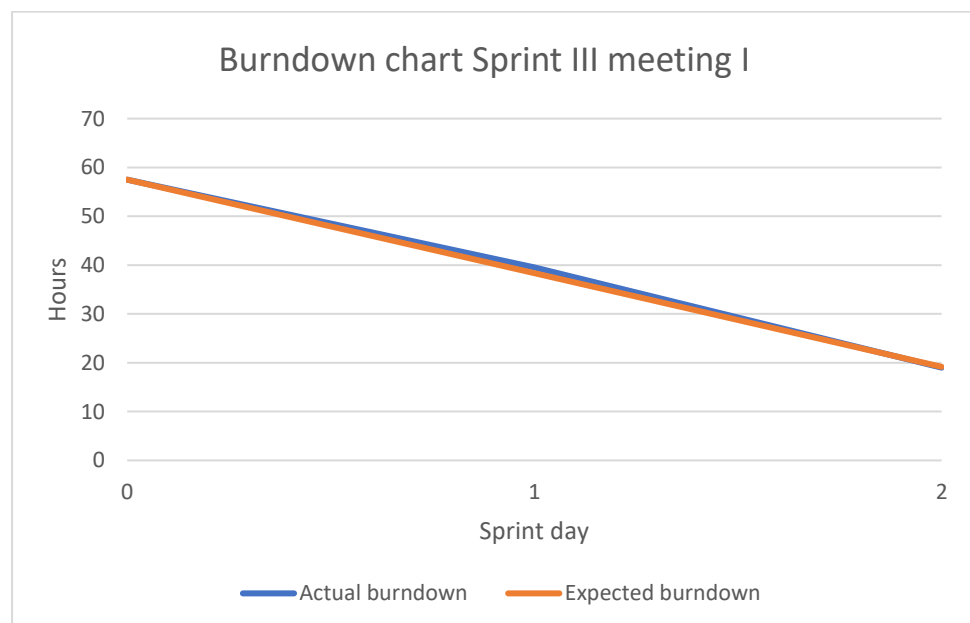
Sebastien

Sebastien has written the java implementation and he never got around to writing the discussion. However, he will get started on writing the discussion today, together with the abstract when the conclusion had been finished by Lau.

Lau

Lau has finished writing his own personal reflections, the group reflections and the results. Today he will write the conclusion once the discussion is done. Until then he will start proof reading.

Burndown chart



Attendance

Sébastien Malmberg – **Present**

Tamás Fekete – **Present**

Lau Ravn Nielsen – **Present**