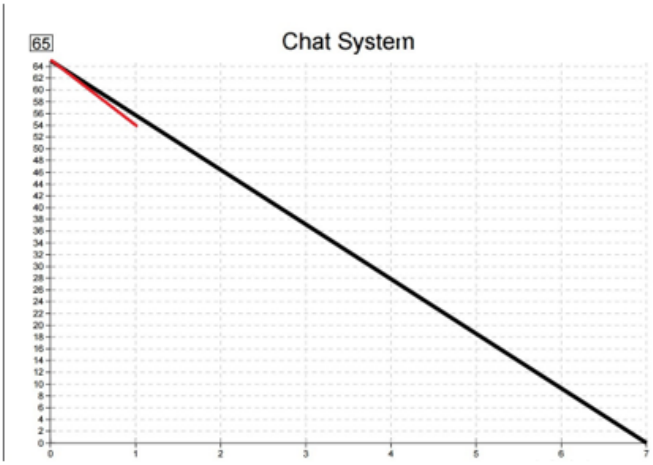
Sprint 1 Review

We have finished Client-Sever connection using TCP and database which has connection to the system + implementation and testing. We have done E/R modelling for database. We have done use case descriptions, use case diagrams and activity diagrams for both items. We have updated the burndown chart. We decided to add one more Product backlog item. We gave it 5 story points and it's a critical item. The product owner has said yes for the handed in software.

4	Critical	5	As a User I want to be able to send messages to all of the other Users and also receive their messages.



Product Backlog Item	Number	Task Title	Estimate(user Stories)	Status
As a User I want to be able to connect to the chat from different computers on the same Network.	1	Set up Client-Sever connection using TCP	1,00	Done
	2	Design(Update) UML Diagram for Client/Server	1,00	Done
	3	Design Use case Descriptions for connecting	0,5	Done
	4	Design Activity Diagrams for connecting	0,5	Done
	5	Document creating a client – server connection	1	Done
	6	Test Server and Client connection	1	Done
As an Administrator I can access a database containing information about all the users/administrator and chat history.	7	Do E/R Modelling for Database	1	Done
	8	Create Database for storing information	0,5	Done
	9	Connect the database to the system	1,5	Done
	10	Update UML Diagram	0,5	Done
	11	Design Use case Descriptions	0,5	Done
	12	Design Activity Diagrams	0,5	Done
	13	Document creating and connecting the database	0,5	Done
	14	Test the implementation	1	Done

Sprint 1 Retrospective

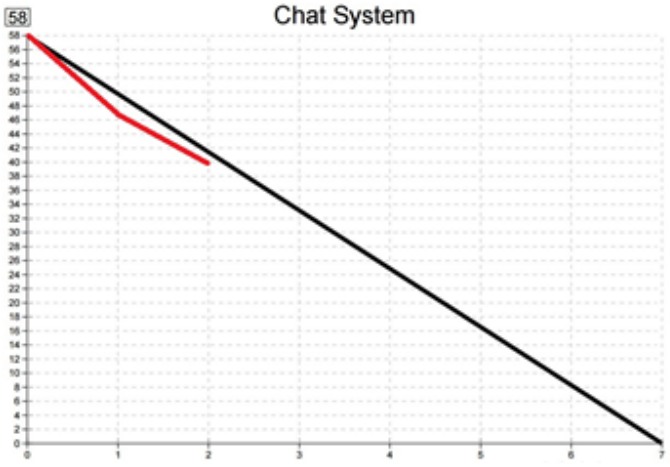
Overall, working in the team went well without any major problems. Potential improvements could be to figure out clearly what the database should do with our system and to spend more time on doing documentation.

Sprint 2

Review

We have applied the observer and started MVC design patterns to the system + implementation and testing. We have done use case descriptions, use case diagrams and activity diagrams for both items. We have updated the burndown chart. The product owner has said yes for the handed in software.
We added the new item in our product backlog. Because of the fact we don't have a view/GUI yet, we cannot test it properly, so we must had to hardcode it. Also, we didn't manage to properly finish the other item(access other rooms) So, we moved it back to product backlog.

4	Critical	5	As a User I want to be able to send messages to all of the other Users and also receive their messages.
5	Critical	5	As a User I want to be able to not only access the general chat, but different chat rooms as well.



Product Backlog Item	Number	Task Title	Estimate(user Stories)	Status
As a User I want to be able to send messages to all of the other Users and also receive their messages.	1	Set up Observer design pattern	1,5	Done
	2	Design UML Diagram for Observer	1,00	Done
	3	Design Use case Descriptions for connecting	0,25	Done
	4	Design Activity Diagrams for connecting	0,25	Done
	5	Document creating a client – server connection	1	Done
	6	Test the implementation	1	Done
As a User I want to be able to not only access the general chat, but different chat rooms as well.	7	Start the MVC design pattern	1	Done
	8	Focus on the Model part	1	Done
	9	Update UML Diagram	0,5	Done
	10	Design Use case Descriptions	0,5	Done
	11	Design Activity Diagrams	0,5	Done
	12	Document Making MVC design pattern	0,5	Done
	13	Test the implementation	1	Done

Retrospective

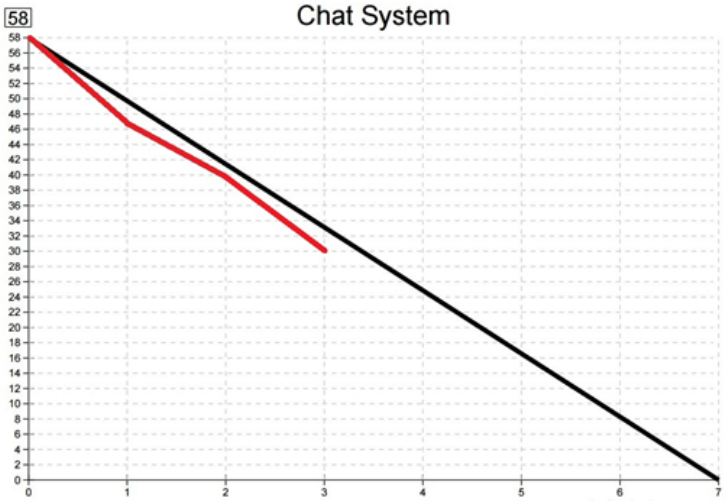
Work went quite well. We had some problems with one item for a long time. So, we decided not to spend so much time fixing these problems and to things which we know first. Also, we hope to have more meetings with supervisors.

Sprint 3

Review

We have made the GUI, connected our data base with the system(server). We have done use case descriptions, use case diagrams and activity diagrams for both items. We have updated the burndown chart. The product owner has said yes for the handed in software. At one point we had problem connecting data base to our system, we didn't knew exactly where to connect it. So, we needed help from the Supervisor. We couldn't finish one of the items.

7	Critical	8	Only an Administrator can create, delete a user/administrator or modify an existing given information.
12	Medium	5	As a User I can interact with the program using a graphical user interface in order to get a more user friendly design.



Retrospective

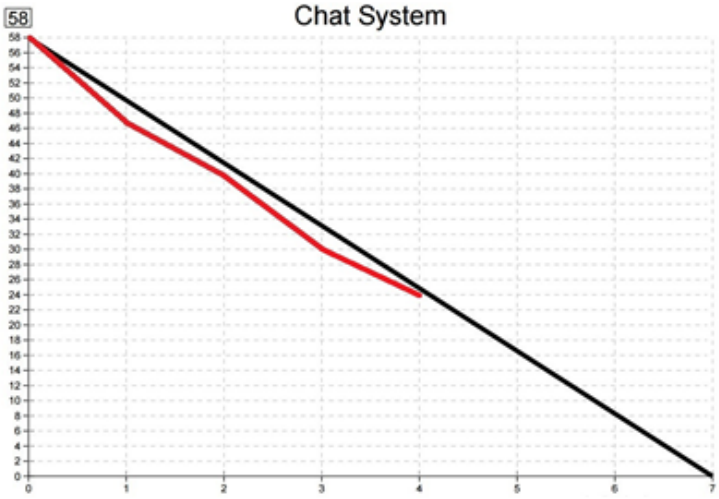
The teams working temp looks good and we are hoping to keep it that way.

Product Backlog Item	Number	Task Title	Estimate(user Stories)	Status
Only an Administrator can create, delete a user or modify an existing given information.	1	Create user	1	Not done
	2	Delete user	1	Not done
	3	Modify existing information	1	Not done
	4	Design UML Diagram for Create/Delete/Modify	1	Done
	5	Design Use case Descriptions for Create/Delete/Modify	1	Done
	6	Design Activity Diagrams for Create/Delete/Modify	1	Done
	7	Document the Create/Delete/Modify	1	Done
	8	Test the implementation	1	Done
As a User I can interact with the program using a graphical user interface in order to get a more user friendly design.	9	Make a GUI	1	Done
	10	Set up Observer design pattern	1	Done
	11	Make controller of MVC design pattern	1	Done
	12	Update UML Diagram	0,25	Done
	13	Design Use case Descriptions	0,25	Done
	14	Design Activity Diagrams	0,25	Done
	15	Document GUI and Observer design pattern	0,25	Done
	16	Test the implementation	1	Done

Sprint 4

Review

We have made that our User could connect (Log in) to system and disconnect. We have done use case descriptions, use case diagrams and activity diagrams it. We have updated the burndown chart. The product owner has said yes for the handed in software. We encountered some problems with other 2 product backlog items, so we have run out of time, that's why team decided to put those items into the product backlog. Product owner agreed with this.



Retrospective

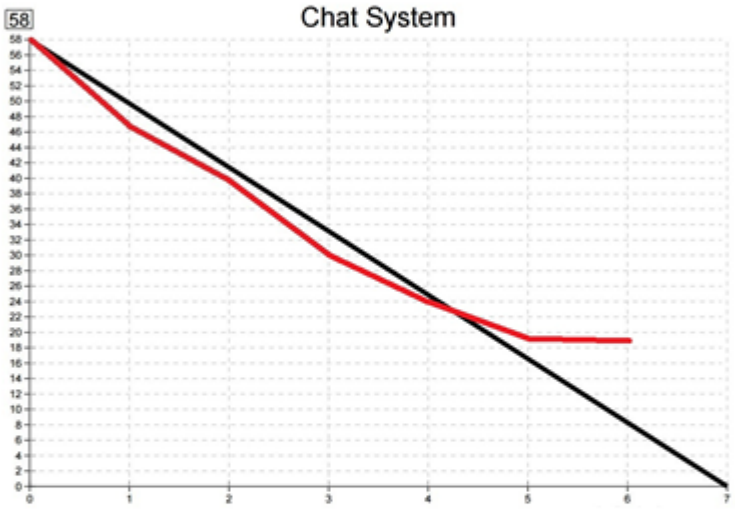
We noticed that we knew too little in the programing part with other 2 items. So, we miscalculated our work time, which we hope to improve.

Product Backlog Item	Number	Task Title	Estimate(user Stories)	Status
As a User I can sign-in and sign-out the system.	1	Create a Login panel for the GUI	1	Done
	2	Design UML Diagram for Login panel	0.5	Done
	3	Design Use case Descriptions for Login panel	0,5	Done
	4	Design Activity Diagrams for Login panel	0,5	Done
	5	Document creating a Login panel	0.25	Done
	6	Test the implementation	0.25	Done
As an Administrator I can request a log from server which includes the chat history of a certain period.	7	Implement requesting a log from the server	1	Not done
	8	Update UML Diagram for log request	0,25	Done
	9	Design Use case Descriptions for log request	0,25	Done
	10	Design Activity Diagrams for log request	0,25	Done
	11	Document log request	0,25	Done
	12	Test the implementation	1	Done

Sprint 5

Review

We have kind of made items to work, we tried to test them, but there were some problems. We have done use case descriptions, use case diagrams and activity diagrams it. We have updated the burndown chart. The product owner has said yes for the handed in software. There were some problems with connection between controller and the GUI, but if the connection would be working it will be done completely. So, the team agreed to keep it as complete and finish it completely in the next sprint after meeting with supervisor, which will help figure out the problem.



Product Backlog Item	Number	Task Title	Estimate(user Stories)	Status
As an Administrator I can request a log from server which includes the chat history of a certain period.	1	Implement requesting a log from the server	1	Not Done
	2	Design UML Diagram for log request	0,25	Done
	3	Design Use case Descriptions for log request	0,25	Done
	4	Design Activity Diagrams for log request	0,25	Done
	5	Document a log request	0,25	Done
	6	Test the implementation	1	Done
As a User I can delete or edit my messages in the chat system.	7	Delete messages	1	Not done
	8	Edit messages	1	Not done
	9	Update UML Diagram for Delete/Edit messages	0,25	Done
	10	Design Use case Descriptions for Delete/Edit messages	0,25	Done
	11	Design Activity Diagrams for Delete/Edit messages	0,25	Done
	12	Document of Delete/Edit messages	0,25	Done
	13	Test the implementation	1	Done

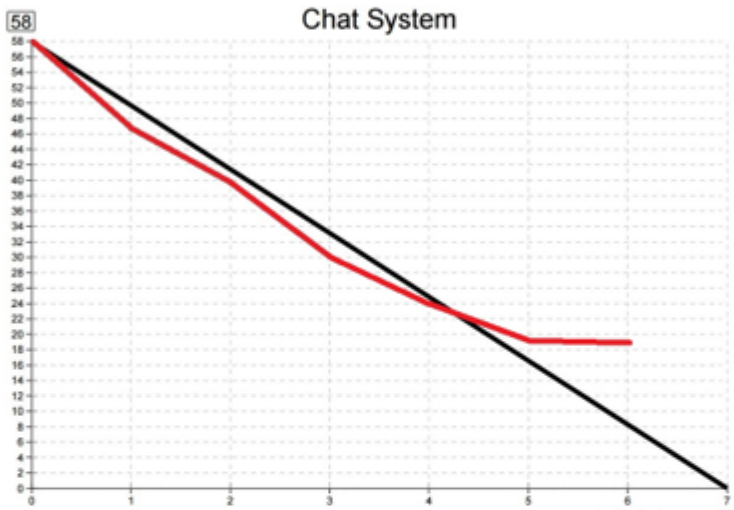
Retrospective

Because of the problems, we ended behind the schedule. Tis time we spend a lot of time trying to figure out the problem(unsuccessfully). Team in future desires to be more efficient in solving the problems.

Sprint 6

Review

We tried to do 2 these 2 items, but unfortunately we had problems implementing them and we run out of time. So, the product owner and team decided to move these items back to product backlog. We have been stuck, So we have ended up not completing anything in this sprint as you can see from the burndown chart.



Product Backlog Item	Number	Task Title	Estimate(user Stories)	Status
As a User I can make a private chat with one or more other users in the system.	1	Create a private chat	3	Not done
	2	Design UML Diagram for private chat	1	Not done
	3	Design Use case Descriptions for private chat	0,5	Not done
	4	Design Activity Diagrams for private chat	0,5	Not done
	5	Document creating a private chat	1	Not done
	6	Test the implementation	2	Not done
As a User I can decide to change my online status.	7	Implement changing online status	0,5	Not done
	8	Update UML Diagram for changing online status	0,25	Not done
	9	Design Use case Descriptions for changing online status	0,25	Not done
	10	Design Activity Diagrams for changing online status	0,25	Not done
	11	Document a changing online status	0,25	Not done
	12	Test the implementation	0,5	Not done

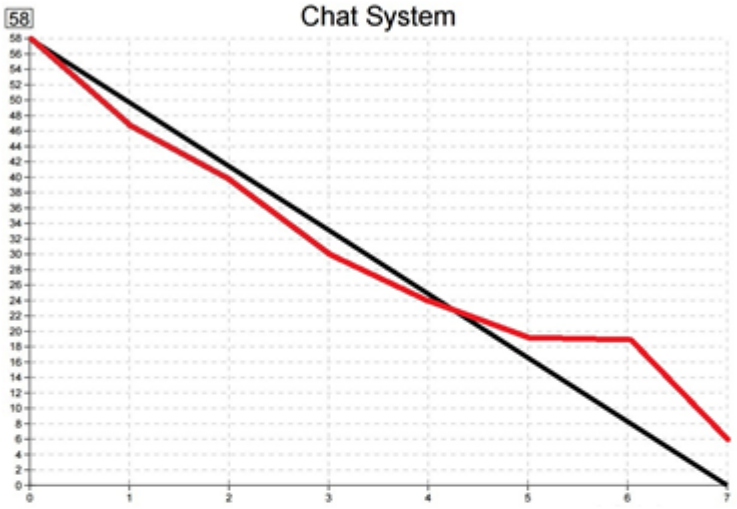
Retrospective

We have wasted a lot of time on these items the whole sprint, we again didn't notice what we can do and can't. So in next sprint we decided to focus mainly only on process and project reports.

Sprint 7

Review

We have done project and process reports. However, we had some unfinished items, but product owner approved the system, because the items where low priority. The has hopes to finish and fix the system in the next version of it.



Product Backlog Item	Number	Task Title	Estimate(user Stories)	Status
As an owner of the system I want to have a project report in order to get detailed system documentation.	1	Making Analysis for a project report	2	Done
	2	Make Design part of project report.	1	Done
	3	Make Implementation part of project report	1	Done
	4	Testing for a project report	1	Done
	5	Results for a project report	1	Done
	7	Discussion for a project report	1	Done
	8	Conclusion for a project report	0,5	Done
	9	References for a project report	0,5	Done
As an owner of the system I want to have a process report in order to have a written documentation of the system development process.	7	AUP for a process report	0,5	Done
	8	SCRUM for a process report	0,20	Done
	9	SWOT for a process report	0,25	Done
	10	Self assessments for a process report	0,5	Done
	11	Bloom Test for a process report	0,20	Done
	12	Belbin group roles for a process report	0,20	Done
	13	Summary for a process report	0,5	Done
	14	Consideration for a process report	0,25	Done
	15	Reflection for a process report	0,4	Done

Retrospective

Process and project reports went smoothly, because we were updating them in all sprints. So, one sprint for documentation was plenty of time to do it.