Analysis of the previous iteration

In the start of the week we sent our vision and question document to the customer. Later the same week the vision was signed off and some of our questions regarding the requirements were answered.

Andrew has been developing proof of concept for Signal encryption, but abandoned it due to browser limitations and encryption being a tricky subject. In the coming week we will look into other alternatives for the encryption and Sofia will give Signal one last try before abandoning it for other technology.

Andrew went on with the proof of concepts and started developing a server auth api and automated tests for the api using Postman.

Jimmy started and finished a proof of concept for video calls using WebRTC. This can be found [here (https://redrivervideocallpoc.azurewebsites.net/)](https://redrivervideocallpoc.azurewebsites.net/).

Linda has been working on setting up a clickable prototype in Draw.io for everyone in the group to be able to work on the same prototype simultaneously. She has also been writing the first test cases for the highest prioritized requirements, updated the documentation for the inception peer-review and prepared for the upcoming role as project manager.

Sofia has been looking into if the requirements are testable or not and come up with example test cases. She has also sorted the requirements in our google product backlog and transfered them to the wiki product backlog. In collaboration with Linda she also updated the documentation for the inception peer-review.

The group has been able to do everything that was supposed to be done during the inception phase.

Time report iteration 3

Name	Sum iteration	Time total in project
Andrew	22.5	64
Jimmy	23.5	69
Linda	33.25	67.5
Sofia	23.25	74

Detailed time report iteration 3

Requirement	Task	Status	Estimate	Actual	Responsible
Tutor meeting	Present the work done during	Done	4	3.25	Group

	iteration 2				
Group meeting	Discuss work done, the new iteration plan and distribute tasks	Done	4	3	Group
Customer meeting	Discuss project	Done	4	1.75	Group
Slack communication	Discuss project	Done	8	5.25	Group
Time report	Create summarized time report for iteration 2	Done	3	3	Linda
Iteration plan	Create time report (iteration plan) for entire group, iteration 3	Done	3	2	Linda
Time report	Write individual time report (iteration plan) for iteration 3	Done	2	4	Group
Time report	Write individual time report (iteration plan) for iteration 4	Done	2	0.5	Group
Peer Review (Referentgranskning)	Write individual peer reviews in google document	Done	4	11.5	Group
Peer Review (Referentgranskning)	Summarize individual peer reviews to one protocol	Done	4	4.5	Linda
Peer Review (Referentgranskning)	Send peer review to group Meridium	Done	0.5	0.25	Linda
F1 User text message	Server text message functionality	Started	7	3	Andrew
F2 User login	Write code for server api login	Done	1	1	Andrew
API Tests	Write postman tests and docs for api	Started	5	2	Andrew

Azure install	Setup Azure and continuous delivery from repo.	Started	2	1	Andrew
Software architecture	Preliminary architecture for the project	Done	5	5.25	Jimmy
F1 User text message	Start implement text message functionality for client	Not started	5	0	Jimmy
F2 User login	Start implement login functionality for client	Done	3	3.75	Jimmy
Documentation	Put together time reports for group, update page "Iteration 2" with time report for iteration 2	Done	2	3	Linda
Peer review	Add google docs document for peer review, send link to RedRiver group	Done	2	0.5	Linda
Group communication	Prepare for group meeting	Done	0.5	0.5	Linda
Project knowledge	Research Material–UI	Done	0.25	0.25	Linda
Group communication	Write protocol for group meeting	Done	0.5	1.5	Linda
Documentation	Update time report, plan for iteration 3	Done	1	0.5	Linda
Documentation	Update test specification, add manual test cases.	Not started	4	0	Linda
Time report	Write analysis for iteration 2	Done	0.5	0.5	Sofia
Signal POC	Create proof of concept for	Abandoned	4	0.75	Sofia

Requirement	Task	Status	Estimate	Actual	Responsible
	Signal Encryption				
Product backlog	Sort requirements based on the application being like Google Hangouts	Done	3	2	Sofia
Requirements F1, F2, F3, F4	Prototype: Design/visualize the requirements	Done	6	6.5	Sofia
Testing	Check out test frameworks to use for auto tests on React and ASP.NET	Started	1.25	0	Sofia
Requirements F1, F2, F3, F4	Test specification: Write tests for the high priority requirements	Done	4	2.5	Sofia
Inception presentation	Start creating the presentation	Done	3	2.5	Sofia
Group work	Other work done by group members, see individual time reports	Done	0	26.5	Group
		Sum	98.5	102.5	

New risks

A big project risk at the start of this iteration was the large amount of requirements in our product backlog.

Goals for iteration 4

Requirement	Task	Status	Estimate	Actual	Responsible
Tutor meeting	Present the work done during the week	Not started	4	–	Group
Group meeting	Discuss iteration plan	Not started	2	–	Group
	Create for iteration				

Time report	4	Not Started	4	–	Group
Iteration plan	Create for iteration 5	Not started	4	–	Group
		Sum			
		Time since previous iteration			
		Time total in the project			