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# Appendix A - Team contract

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Team interclassional 😊

## Team Structure:

1. Decision-making policy
  - a. Decisions are made when a mutual agreement has been found.
  - b. If a member is absent from a meeting, it is up to the present members to decide, without the consent of the absent member.
  - c. If no common ground can be found, the decision shall be made by a majority vote.
2. Team manager
  - a. Our team manager is: Lau Ravn Nielsen, and he'll oversee:
    - i. Required turn-ins of assignments.
3. Time and place for regular team meetings
  - a. Meetings will be held every Wednesday from 08:20 – 1600 at campus.
  - b. Extra meetings will be scheduled accordingly.
4. Method of communication
  - a. Our preferred method of communication is in person.
  - b. If we must discuss the project outside of our meetings, it can be done however the people involved please.

## Team procedures

1. Setting agendas
  - a. Meeting agendas will be made at the end of a meeting, by the entire team.
  - b. The team will be reminded of an upcoming meeting's agenda, by the team manager, the day before the meeting.
  - c. If there is a task that requires the entire team's attention on the agenda, then the team manager is in charge of making sure it is addressed during the meeting.
2. Procedures if a member is late for a meeting
  - a. If a team member is late, the team will give the person a 5-minute window before starting the meeting
    - i. If the 5-minute window is not met, the meeting will start with a member absent.
    - ii. If you're the member running late, join the meeting quietly.
  - b. If you're running late, notify the team with an Estimated Time of Arrival.
3. Procedures if a member cannot attend a meeting
  - a. Everyone should attend scheduled SEP meetings to the best of their ability.
  - b. If a person is obstructed to come to a meeting, that person must notify the group as quickly as possible.
  - c. If there is a scheduled meeting, and one member knows he/she cannot attend. Then the others must agree whether they will hold the meeting.

## Personal Accountability and Workload

1. Strategies to ensure equal distribution of workload.
  - a. Every task will be up for auction, the first to bid is in charge.
    - i. Depending on the size of the give task, multiple people can be assigned.
  - b. If someone feels like the workload is unevenly distributed, he/she should voice his/her opinion to the rest of the team.
2. Strategies for encouraging/including ideas from all team members.
  - a. At the start of every Thursday meeting every member will present what they have worked on since the last meeting. This will give the others in the group a window to give feedback and come with ideas if there are any.
    - i. If an idea is presented, it should be discussed by the team, and implemented if agreed upon.
    - ii. If an idea is bad, address the idea not the person.
  - b. If a team member is struggling to get started on a task, he/she can call for a group brainstorming on how to get going.
    - i. The team must try to find a solution to the problem before involving the instructor(s).
3. If a member submits plagiarized content it will be brought to the instructor(s) attention.

### Fun and games

1. We have agreed to bring cake and such to every official Wednesday meeting.
2. Boardgames and card games when we feel like it.

### Contact information


Name	E-mail	Phone Number
<b>Dorcia Fiona Dinesh</b>	280145@via.dk	+45 91 85 92 09
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<b>Zuzanna Maria Czepukojc</b>	280163@VIA.dk	+45 52 82 65 49
<b>Tamas Fekete</b>	266931@via.dk	+45 60 90 68 44

### Signatures

By signing this group contract, you hereby agree to the statements above.



Dorcia Fiona Dinesh (280145)



Lau Ravn Nielsen (280337)



Zuzanna Maria Czepukojc (280163)



Tamas Fekete (266931)

## Appendix B – scrum and AUP

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We have decided to use scrum and AUP to manage and plan our project. This will be done in the way we were taught on the second semester in SWE.

On second semester we were run sprints that contained the phases of; elaboration, construction and transition within one sprint. Inception is not included in the scrum process because it's typically a time boxed discipline where the team gets a better understanding of the problem domain, which is where we write the project report.

## Product backlog

### Product backlog

Story points

As a viewer I want the ability to create an account, so I can participate in the community.		5
As a user I want the ability to log in and out of my account, so I can use the software whenever I please.		5
As a user I want the ability to update my personal data, so I can keep it up to date.		3
As a user I want the ability to change my password, in order to keep my account safe.		5
As a user I want the ability to see all information about my account, so I can check if the information is correct.		10
As a user I want the ability to delete my account, so that I can leave the community.		5
As a user I want the ability to upload a picture of myself, so that people can see what I look like.		12
As a user I want the ability to create an event, so I have the chance of dining with strangers.		30
As a user I want the ability to cancel an event, so that I can cancel in case of emergency.		14
As a user I want the ability to update event information, so that I can update it with new information.		8
As a user I want the ability to search for events, so I can see a selection of upcoming events.		20
As a user I want the ability to request to join a dining event that I find intriguing, in order to participate in dining events.		20
As a user I want the ability to leave an event that I have joined, so that the host doesn't think I'll show up if I make other plans.		6
As a user I want the ability to write a description for my event, so that I can inform other users about the event and its contents.		5
As a user I want the ability to see a map of where the dining event is being held, so that I can orientate myself.		30
As a user I want the ability to see a list of participants for a dining event, so I can see who I'm dining with.		12
As a user I want the ability to set a limit on how many users can join my event, so that I can plan accordingly.		5
As a user I want the ability to get notifications when a request to join an event has been sent to me, so that I can stay on top of things.		10
As a user I want the ability to get notifications when a request to an event has been declined or accepted, so that I know if I can participate in the event or not.		10
As a user I want the ability to rate people that I've been dining with, so that I can let other people know what I thought of their company.		25
As a user I want the ability to see other user's ratings, so that I can see if they're good company.		10
As a user I want the ability to see a list of all past, present and future events that I'll be involved in, so that I can see what I've done for the community.		18
As a user I want the ability to see a list of all unanswered requests, so that I can answer them when I get time.		15
As an Admin I want the ability to ban users from the community, to keep the community free from trolls and toxic people.		15
As an Admin I want the ability to delete events, so that I can remove fake dining events from the service.		15
+ Add		
		313 sum

## Sprint 1

The goal of the sprint it to implement the core architecture for the software.

Sprint 1 (30/10/2019 to 14/11/2019)

The sprint will be running between the 30th of October to the 14th of November.

🔍 / 0

📄 / 0

👤 / 1

Activities / 0

⋮

📅 Main Table ▾

New Item ▾

Search / Filter Board

🔍

👁

☰

📁 Architecture

	Assignee	Status	Estimation	Confidence	Files	+
Analysis				2 hours	★★★★★	
Design				4 hours	★★★★★	
Implementation of tier 1				15 hours	★★★★★	
Implementation of tier 2				15 hours	★★★★★	
Implementation of tier 3				15 hours	★★★★★	
Testing by sending data through all tiers				2 hours	★★★★★	
+ Add						
			<div></div>	53 hours sum	0 / 5	

📁 Documentation

	Assignee	Status	Estimation	Confidence	Files	+
Introduction to the process report				3 hours	★★★★★	
+ Add						
			<div></div>	3 hours sum	0 / 5	

📁 1. As a viewer I want the ability to create an account so i can participate in the community.

	Assignee	Status	Estimation	Confidence	Files	+
Use case description				2 hours	★★★★★	
Activity diagram				1 hours	★★★★★	
Test case				1 hours	★★★★★	
Design				2 hours	★★★★★	
Extending diagrams				1 hours	★★★★★	
Presentation implementation				5 hours	★★★★★	
Application Layer implementation				3 hours	★★★★★	
Data layer implementation				5 hours	★★★★★	
Testing				1 hours	★★★★★	
+ Add						
			<div></div>	21 hours sum	0 / 5	

## Meeting 1

A brief summary of our 1st scrum meeting in sprint 1.

**Date of meeting:** 6<sup>th</sup> of Nov 2019.

**Date of the next meeting:** 7<sup>th</sup> of Nov 2019.

Tamas

Has been researching implementation options for tier 3 in c#, today he will start implementing the analyzed and designed solution, no obstacles ahead.

Zuzanna

Zuzanna has researched the differences between razor and blazor and has chosen to stick with blazor for the presentation tier. Today she will start the implementation, no obstacles ahead.

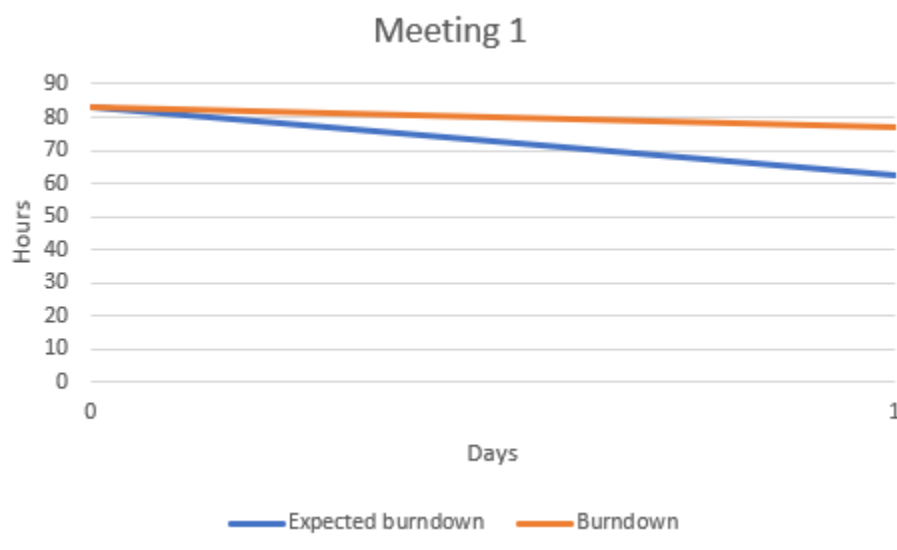
Lau

Has analyzed and designed how the high-level architecture should be, today he will help where help is needed and work on the process report introduction. No obstacles.

Dorcia

Dorcia has researched the spring framework in Java, and she will start implementing today. No obstacles.

## Burndown chart



## Attendance

Tamas – **Present**

Zuzanna – **Present**

Lau – **Present**

Dorcia – **Present**

## Meeting 2

A brief summary of our 2nd scrum meeting in sprint 1.

**Date of meeting:** 7<sup>th</sup> of Nov 2019.

**Date of the next meeting:** 13<sup>th</sup> of Nov 2019.

### Tamas

Has almost completed the implementation in the data layer, he will try hard to finish it today.

### Zuzanna

Zuzanna is close to done with the presentation layer implementation, she believes she will be ready once Lau finishes the analysis for create account, then she will start implementing the presentation layer.

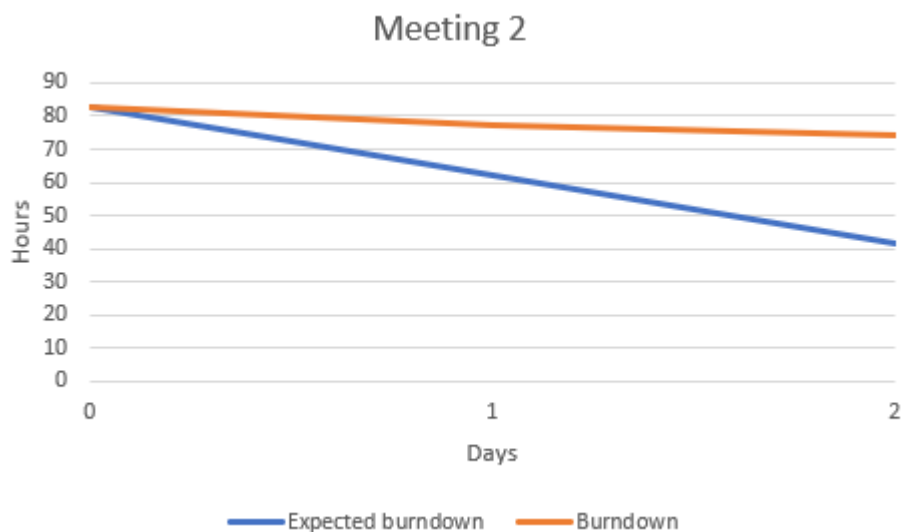
### Lau

Has written the introduction to the process report, today he will start making the use case description, activity diagram and test case for use case 1.

### Dorcia

Dorcia has established a HTTP connection between both the first and second tier, so she's ready to implement user stories. Today she will help tamas with the third tier.

## Burndown chart



## Attendance

Tamas – **Present**

Zuzanna – **Present**

Lau – **Present**

Dorcia – **Present**

## Meeting 3

A brief summary of our 3rd scrum meeting in sprint 1.



**Date of meeting:** 13<sup>th</sup> of Nov 2019.

**Date of the next meeting:** 14<sup>th</sup> of Nov 2019.

Tamas

Data layer is architecturally ready, today he will work on implementation of create account in the data layer

Zuzanna

Zuzanna has finished the presentation layer and has started on create account. She is confident she can finish create account, today.

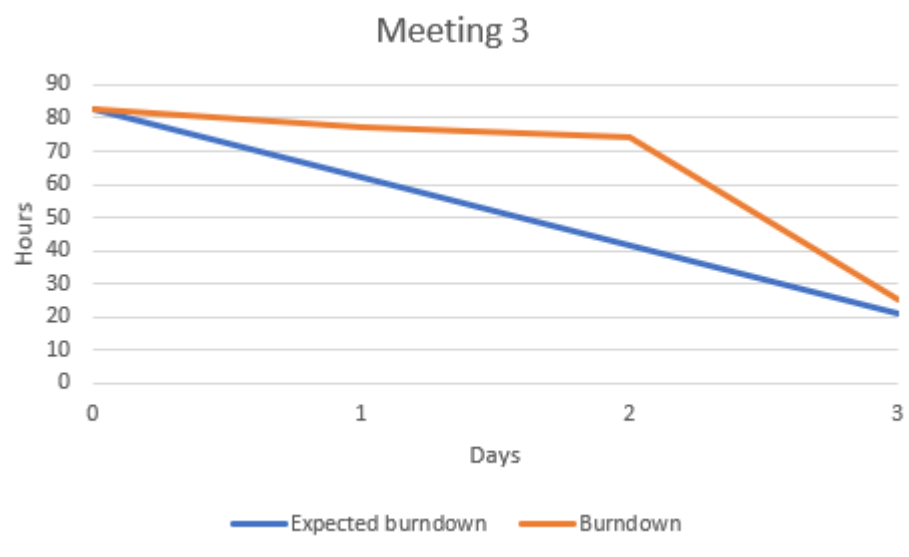
Lau

Has finished the analysis of create account and helped Tamas with the data layer. Today he help where ever help is needed so the planned sprint tasks can be finished.

Dorcia

Dorcia has tested the finished architecture by sending between the different layers. Today she will start on the user story implementation in the application layer.

Burndown chart



Attendance

Tamas – **Present**

Zuzanna – **Present**

Lau – **Present**

Dorcia – **Present**

## Meeting 4

A brief summary of our 4th scrum meeting in sprint 1.

**Date of meeting:** 14<sup>th</sup> of Nov 2019.

**Date of the next meeting:** *End of sprint.*

Tamas

Is done with the implementation of create account in the data layer.

Zuzanna

Zuzanna has finished the account creation in the presentation layer.

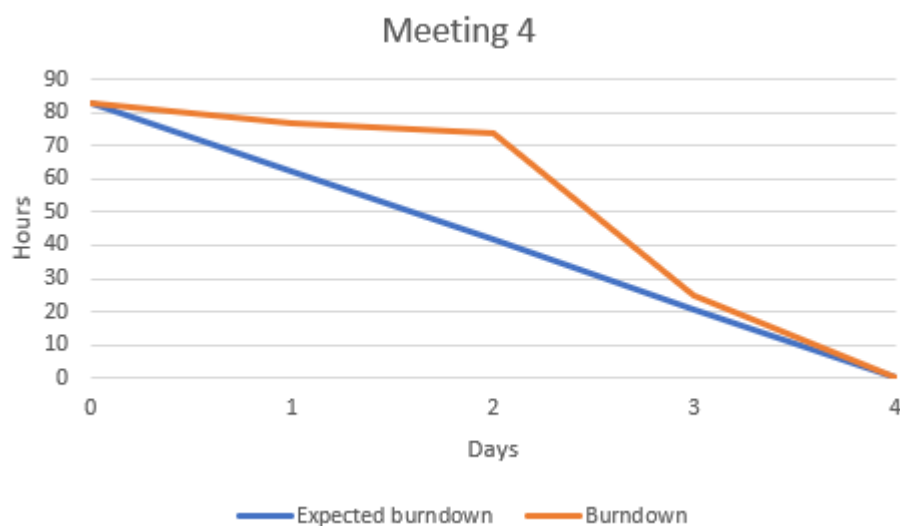
Lau

Has helped throughout the different tiers and tested the create account implementation with the test case made previously

Dorcia

Dorcia has finished the create account implementation in the application layer

## Burndown chart



## Attendance

Tamas – **Present**

Zuzanna – **Present**

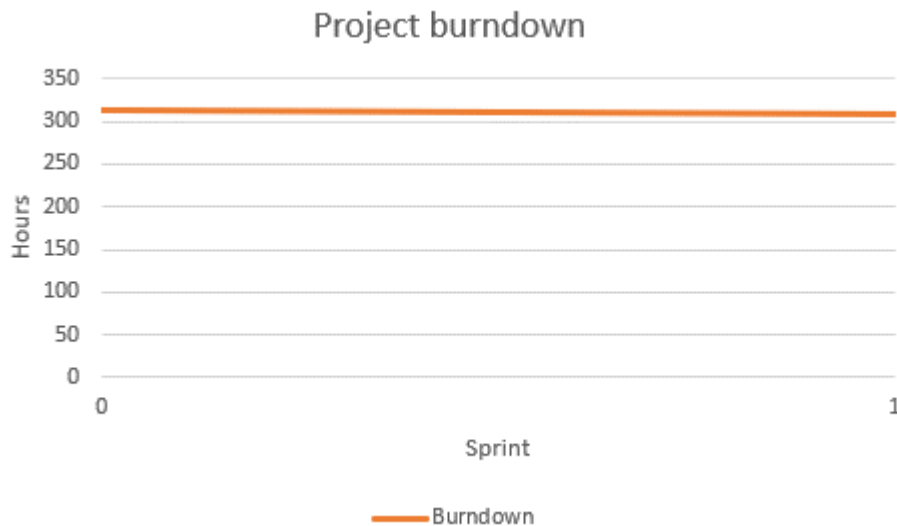
Lau – **Present**

Dorcia – **Present**

### Sprint review

The work done has been reviewed by the group and there's no need to update the product backlog.

5 story points can be burned because create account was "done", so the project burndown looks as follows:



### Sprint retrospective

There's a general agreement within the team that the last sprint was successful. We managed to work seriously on the tasks at hand, but at the same time have time for bonding and creating a better team environment.

There is a consensus for member to be more detailed in what they have been doing when conducting the meetings. A solution for this problem is to be more detailed when planning so group members cannot be working on something arbitrary as "implementation of x & y"

## Sprint 2

The goal of the sprint it to implement the authentication of users and management of user data.

### Sprint 2 (15/11/2019 to 30/11/2019)

The sprint will be running between the 30th of November to the 30th of November

Main Table

🔍 / 0 🗨 / 0 📅 / 1 Activities / 0 ...

New Item

Search / Filter Board



#### Database improvements

	Assignee	Status	Estimation	Confidence
Implements migrations			6 hours	★★★★★
Link			3 hours	★★★★★
MySQL -> SQLite			8 hours	★★★★★
+ Add				
			17 hours sum	0 / 5

#### Architecture

	Assignee	Status	Estimation	Confidence
Socket connection between tier 2 and 3			10 hours	★★★★★
+ Add				
			10 hours sum	0 / 5

#### As a user I want the ability to log in and out of my account, so I can use the software whenever I please.

	Assignee	Status	Estimation	Confidence
Extending diagrams			1 hours	★★★★★
Interface			5 hours	★★★★★
Presentation Layer			3 hours	★★★★★
Verification of user information in data layer			3 hours	★★★★★
Application layer			3 hours	★★★★★
Testing			1 hours	★★★★★
+ Add				
			16 hours sum	0 / 5

#### As a user I want the ability to update my personal data, so I can keep it up to date.

	Assignee	Status	Estimation	Confidence
Use case description extension			1 hours	★★★★★
Activity diagram extension			1 hours	★★★★★
Test case			1 hours	★★★★★
Design diagrams			2 hours	★★★★★
Interface			2 hours	★★★★★
Presentation Layer			3 hours	★★★★★
Application Layer			3 hours	★★★★★
Data Layer			5 hours	★★★★★
Testing			2 hours	★★★★★
+ Add				
			20 hours sum	0 / 5

#### As a user I want the ability to see all information about my account, so I can check if the information is correct.

	Assignee	Status	Estimation	Confidence
Use case description			1 hours	★★★★★
Activity diagram			1 hours	★★★★★
Test case			1 hours	★★★★★
Design diagrams			2 hours	★★★★★
Interface			5 hours	★★★★★
Presentation Layer			3 hours	★★★★★
Application Layer			3 hours	★★★★★
Data Layer			3 hours	★★★★★
Testing			1 hours	★★★★★
+ Add				
			20 hours sum	0 / 5

## Meeting 1

A brief summary of our 1st scrum meeting in sprint 2.

**Date of meeting:** 20<sup>th</sup> of Nov 2019.

**Date of the next meeting:** 21<sup>st</sup> of Nov 2019.

### Tamas

Tamas has been working on remaking the database such that it utilizes mitigations and linq, today he will finish that and start implementing SQLite instead of MySQL.

### Zuzanna

Zuzanna has worked on the interface and presentation layer for the login user story. She expects to finish today and start on viewing personal data if the analysis and design is ready by then.

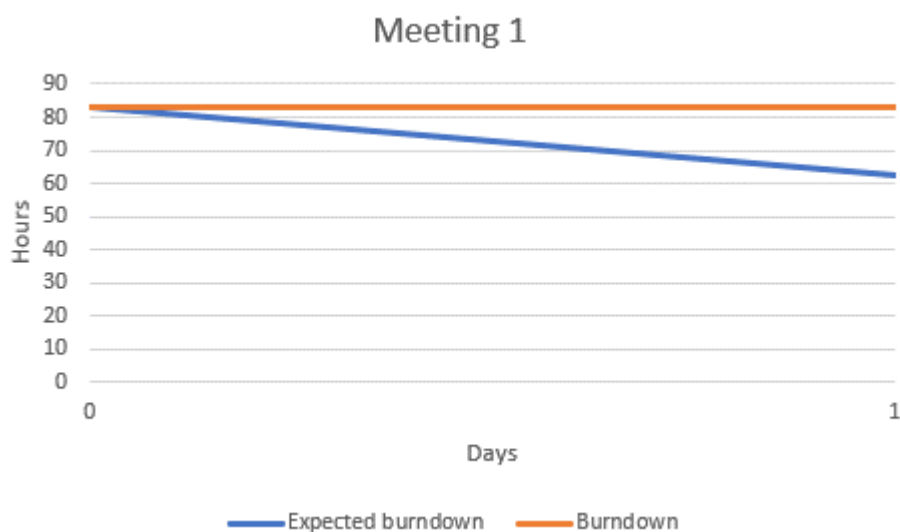
### Lau

Has been working both the use case descriptions and activity diagrams and a bit on the test cases. He expects to put the finishing touches on them today and start on design, and possibly help Tamas with the database.

### Dorcia

Dorcia has been working on a socket connection between tier 2 and tier 3, however she's a bit stuck and will put it aside for a while to work on the application layer for login.

## Burndown chart



## Attendance

Tamas – **Present**

Zuzanna – **Present**

Lau – **Present**

Dorcia – **Present**

## Meeting 2

A brief summary of our 2nd scrum meeting in sprint 2.

**Date of meeting:** 21<sup>st</sup> of Nov 2019.

**Date of the next meeting:** 28<sup>th</sup> of Nov 2019.

### Tamas

Has finished the changes that needed to be made to the data layer structure and will start on implementing the methods needed for login and view of personal data.

### Zuzanna

Is done with the interface and presentation layer implementation for the login, she will keep chipping away at view personal information and update personal information.

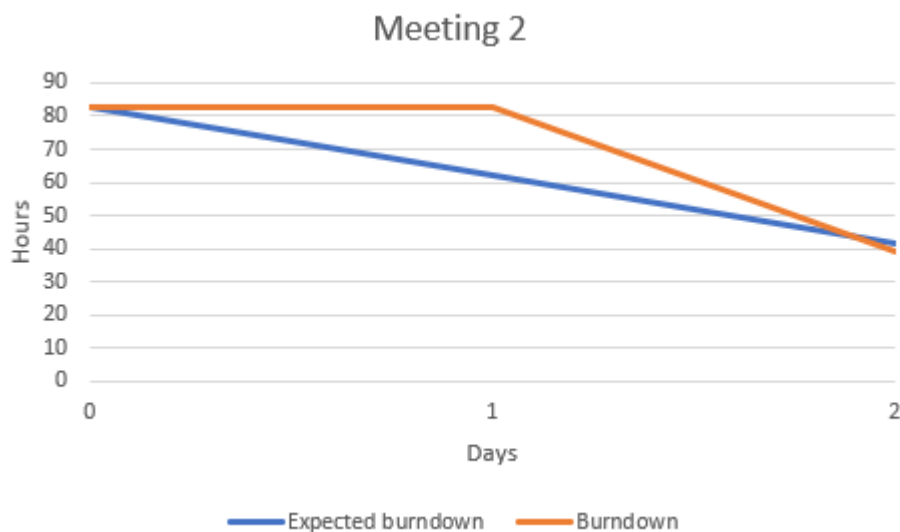
### Lau

Has finished the use case descriptions for both user stories, same goes for activity diagrams and test cases. He will look at the socket connection today.

### Dorcia

Has finished the application layer for login, today she will work on the data layer implementation for view personal information.

## Burndown chart



## Attendance

Tamas – **Present**

Zuzanna – **Present**

Lau – **Present**

Dorcia – **Present**

## Meeting 3

A brief summary of our 3rd scrum meeting in sprint 2.

**Date of meeting:** 27<sup>th</sup> of Nov 2019.

**Date of the next meeting:** 28<sup>th</sup> of Nov 2019.

Tamas

Is done with the implementation for the data layer for login, he will move on to the data layer implementation for view information and update information.

Zuzanna

Zuzanna has finished the interface for view personal information, and the presentation layer implementation as well. Today she will work on finishing the interface and presentation layer implementation for update information

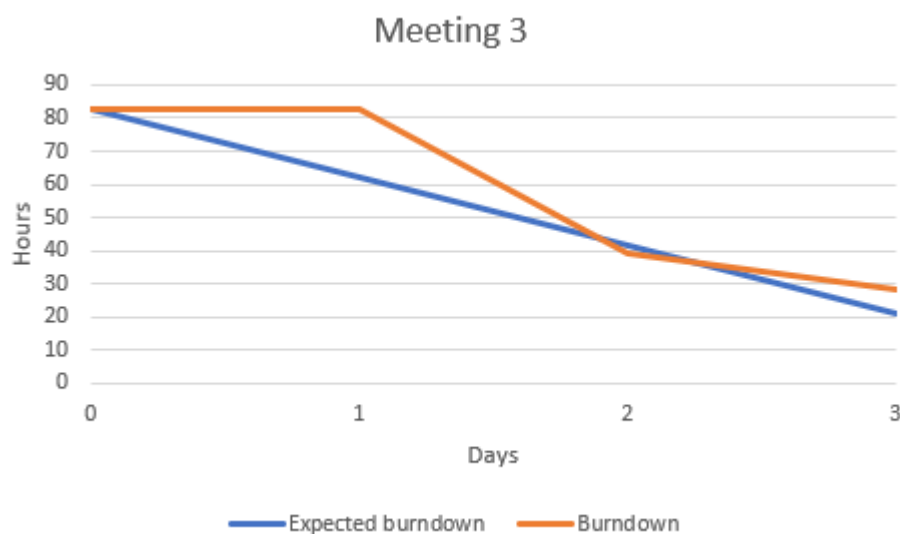
Lau

Has worked on the socket connection and is very close to making it work, however he will move on to testing the login implementation and helping with the database implementation for view information and update information.

Dorcia

Has almost finished the implementation of view information whoever has given it to Lau and Tamas to finish so she can work on the application layer for the two user stories.

Burndown chart



Attendance

Tamas – **Present**

Zuzanna – **Present**

Lau – **Present**

Dorcia – **Present**

Meeting 4

A brief summary of our 4th scrum meeting in sprint 2.

**Date of meeting:** 28<sup>th</sup> of Nov 2019.

**Date of the next meeting:** *End of sprint.*

Tamas

Has finished the implementation for the user stories in the data layer with Lau.

Zuzanna

Has finished the presentation layer implementation for the two user stories.

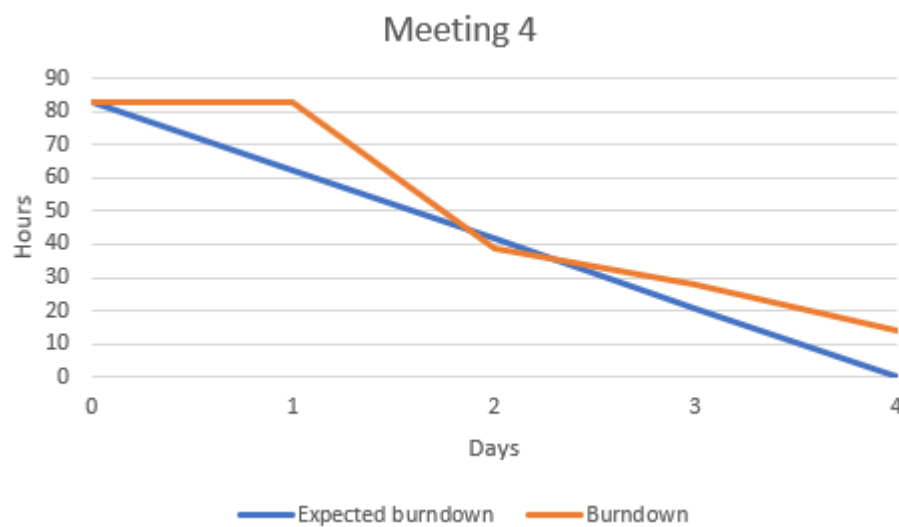
Lau

Has helped Tamas and tested both the login, view and update personal information.

Dorcia

Has finished the implementation in the application layer.

Burndown chart



Attendance

Tamas – **Present**

Zuzanna – **Present**

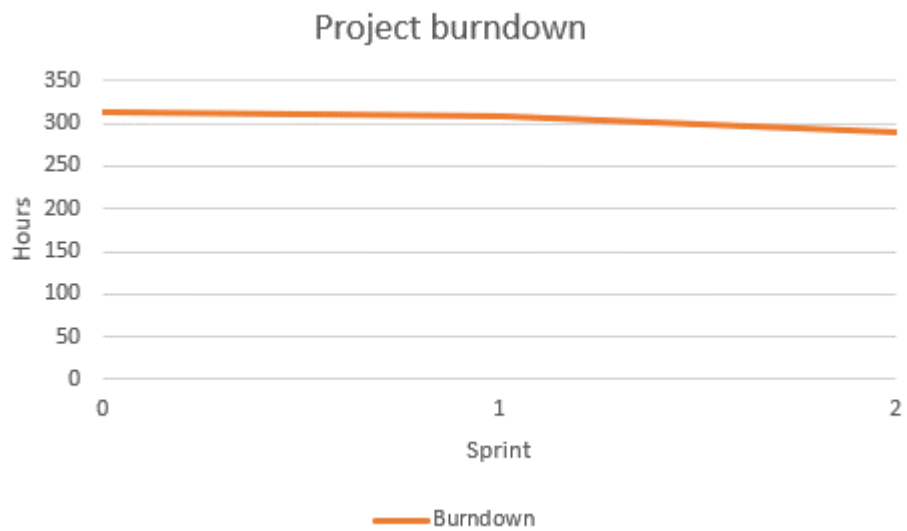
Lau – **Present**

Dorcia – **Present**

Sprint review

The group has reviewed the work completed. 3 user stories have been “done” for a total of 18 story points, so the project burndown chart will look as follows:





#### Sprint retrospective

The sprint went very well, so the team will continue in the same fashion next sprint.

## Sprint 3

The goal of the sprint it to implement core functionality for working with events.

### Sprint 3 (29/11/2019 to 5/12/2019)

The sprint will be running between the 29th of November to the 5th of December.

🔍 / 0 🗑️ / 0 28 / 1 Activities / 0 ...

Main Table ▾

New Item ▾

Search / Filter Board

👤 ⚙️ 📄

As a user I want the ability to create an event, so I have the chance of dining with strangers.

	Assignee	Status	Estimation	Confidence
Use case description	👤	🟡	2 hours	★★★★★
Activity diagram	👤	🟡	1 hours	★★★★★
Test case	👤	🟡	1 hours	★★★★★
Design	👤	🟡	4 hours	★★★★★
Presentation Layer	👤	🟡	5 hours	★★★★★
Application Layer	👤	🟡	3 hours	★★★★★
Data Layer	👤	🟡	8 hours	★★★★★
Testing	👤	🟡	2 hours	★★★★★
+ Add				
			26 hours sum	0 / 5

As a user I want the ability to cancel an event, so that I can cancel in case of emergency.

	Assignee	Status	Estimation	Confidence
Use case description	👤	🟡	1 hours	★★★★★
Activity diagram	👤	🟡	1 hours	★★★★★
Test case	👤	🟡	1 hours	★★★★★
Design	👤	🟡	2 hours	★★★★★
Presentation Layer	👤	🟡	3 hours	★★★★★
Application Layer	👤	🟡	2 hours	★★★★★
Data Layer	👤	🟡	5 hours	★★★★★
Testing	👤	🟡	1 hours	★★★★★
+ Add				
			16 hours sum	0 / 5

As a user I want the ability to update event information, so that I can update it with new information.

	Assignee	Status	Estimation	Confidence
Use case description	👤	🟡	1 hours	★★★★★
Activity diagram	👤	🟡	1 hours	★★★★★
Test case	👤	🟡	1 hours	★★★★★
Presentation Layer	👤	🟡	4 hours	★★★★★
Application Layer	👤	🟡	2 hours	★★★★★
Data Layer	👤	🟡	5 hours	★★★★★
Testing	👤	🟡	2 hours	★★★★★
+ Add				
			16 hours sum	0 / 5

As a user I want the ability to search for events, so I can see a selection of upcoming events.

	Assignee	Status	Estimation	Confidence
Use case description	👤	🟡	1 hours	★★★★★
Activity diagram	👤	🟡	1 hours	★★★★★
Test case	👤	🟡	1 hours	★★★★★
Design	👤	🟡	2 hours	★★★★★
Presentation Layer	👤	🟡	5 hours	★★★★★
Application Layer	👤	🟡	3 hours	★★★★★
Data Layer	👤	🟡	5 hours	★★★★★
Testing	👤	🟡	1 hours	★★★★★
+ Add				
			19 hours sum	0 / 5

As a user I want the ability to write a description for my event, so that I can inform other users about the event and its contents.

	Assignee	Status	Estimation	Confidence
Use case description	👤	🟡	1 hours	★★★★★
Activity diagram	👤	🟡	1 hours	★★★★★
Test case	👤	🟡	1 hours	★★★★★
Presentation layer	👤	🟡	2 hours	★★★★★
Data Layer	👤	🟡	1 hours	★★★★★
Application Layer	👤	🟡	2 hours	★★★★★
Testing	👤	🟡	1 hours	★★★★★
+ Add				
			9 hours sum	0 / 5

As a user I want the ability to set a limit on how many users can join my event, so that I can plan accordingly.

	Assignee	Status	Estimation	Confidence
Use case description	👤	🟡	1 hours	★★★★★
Activity diagram	👤	🟡	1 hours	★★★★★
Test case	👤	🟡	1 hours	★★★★★
Presentation Layer	👤	🟡	1 hours	★★★★★
Application Layer	👤	🟡	1 hours	★★★★★
Data Layer	👤	🟡	1 hours	★★★★★
Testing	👤	🟡	1 hours	★★★★★
+ Add				
			7 hours sum	0 / 5

## Meeting 1

A brief summary of our 1st scrum meeting in sprint 3.

**Date of meeting:** 2<sup>nd</sup> of Dec 2019.

**Date of the next meeting:** 3<sup>rd</sup> of Dec 2019.

### Tamas

Tamas has finished analysis aspects and design for create event and will start implementing in the data layer.

### Zuzanna

Zuzanna has finished the analysis aspects and design for cancel event and update event and will start implementing in the presentation layer.

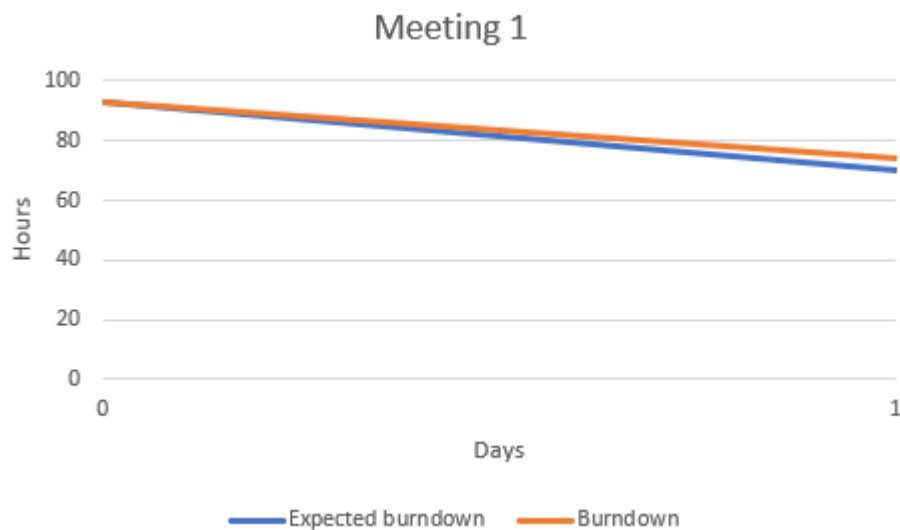
### Lau

Has finished the analysis and design aspects of search event. He will start implementing cancel and update event in the data layer.

### Dorcia

Dorcia has finished the analysis and design for writing a description for events and setting a user limit on participants, she will start implementation in the application layer.

## Burndown chart



## Attendance

Tamas – **Present**

Zuzanna – **Present**

Lau – **Present**

Dorcia – **Present**

## Meeting 2

A brief summary of our 2nd scrum meeting in sprint 3.

**Date of meeting:** 3<sup>rd</sup> of Dec 2019.

**Date of the next meeting:** 4<sup>th</sup> of Dec 2019.

Tamas

Has finished with the data layer implementation of create event. Today he will work on the search event in the data and application layer.

Zuzanna

Has finished with the implementation of cancel and update event in the presentation tier. Today she will begin implementing create event.

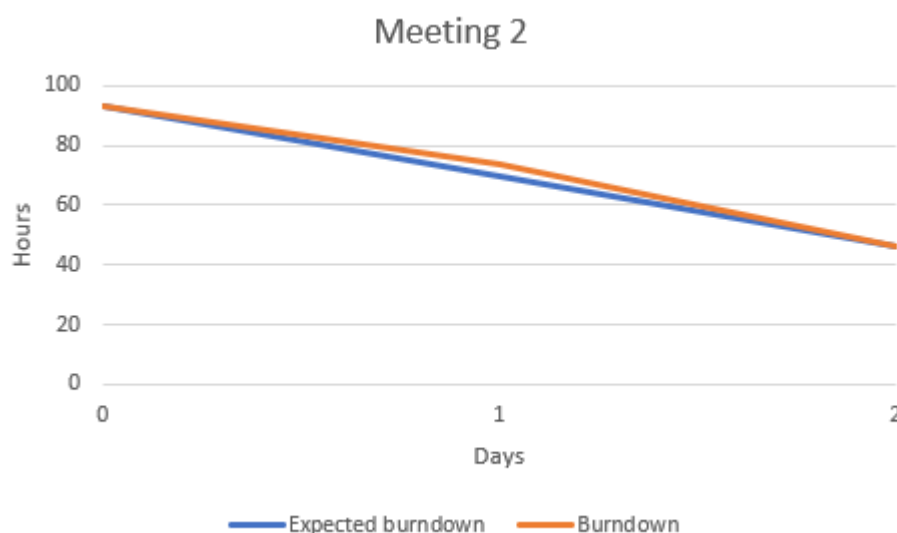
Lau

Has finished the implementation of cancel and update event in the data layer. Today he will work data layer implementation of event description and user limit.

Dorcia

Has finished the implementation of event description and user limit in the application layer. Today she will start implementing create account in the application layer.

Burndown chart



Attendance

Tamas – **Present**

Zuzanna – **Present**

Lau – **Present**

Dorcia – **Present**

Meeting 3

A brief summary of our 3rd scrum meeting in sprint 3.

**Date of meeting:** 4<sup>th</sup> of Dec 2019.

**Date of the next meeting:** 5<sup>th</sup> of Dec 2019.

Tamas

Tamas has finished the data and application layer of search event, today he will update the data base design and the application layer of search event.

Zuzanna

Zuzanna has finished implementation of create event in the presentation layer and will move on to search event, limit on users and event description.

Lau

Has finished the data layer implementation of event description and user limit, today must go the doctor. But will test late during the day

Dorcia

Has implemented create event in the application layer and will work on the application layer implementation of update event and cancel event.

Burndown chart



Attendance

Tamas – **Present**

Zuzanna – **Present**

Lau – **Present**

Dorcia – **Present**

Meeting 4

A brief summary of our 4th scrum meeting in sprint 3.

**Date of meeting:** 5<sup>th</sup> of Dec 2019.

**Date of the next meeting:** End of sprint.

Tamas

Has finished the data base design updates and the application layer of search event.

Zuzanna

Has finished the presentation layer implementation of search event, limit on users and event description.

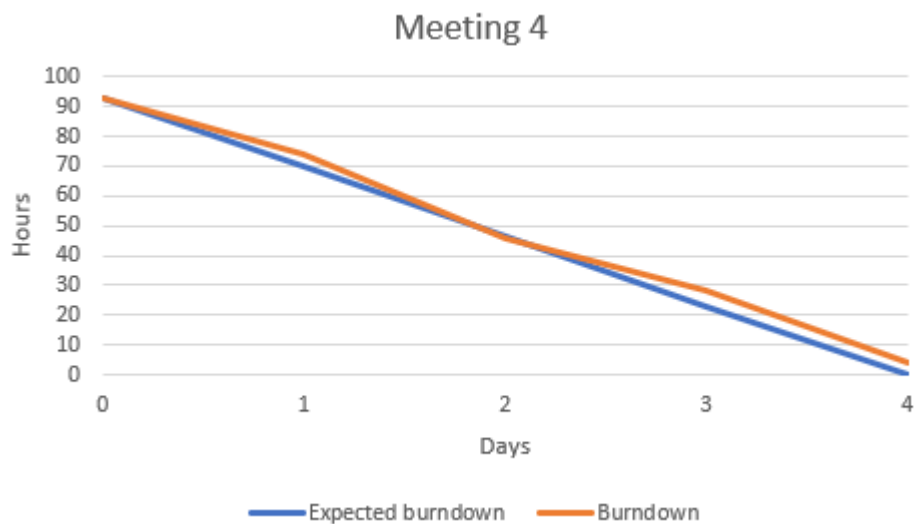
Lau

Has tested the implemented user stories.

Dorcia

Has finished the implementation of update event and cancel event in the application layer.

Burndown chart



Attendance

Tamas – **Present**

Zuzanna – **Present**

Lau – **Present**

Dorcia – **Present**

### Sprint review

The team has reviewed the work done, and they have completed a total of 6 user stories this sprint, and they are all considered “done”. This totals out to 82 story points completed this sprint. The burndown chart will therefore look as follows:

