

## A3.4 Planning and estimation phase: Artifacts

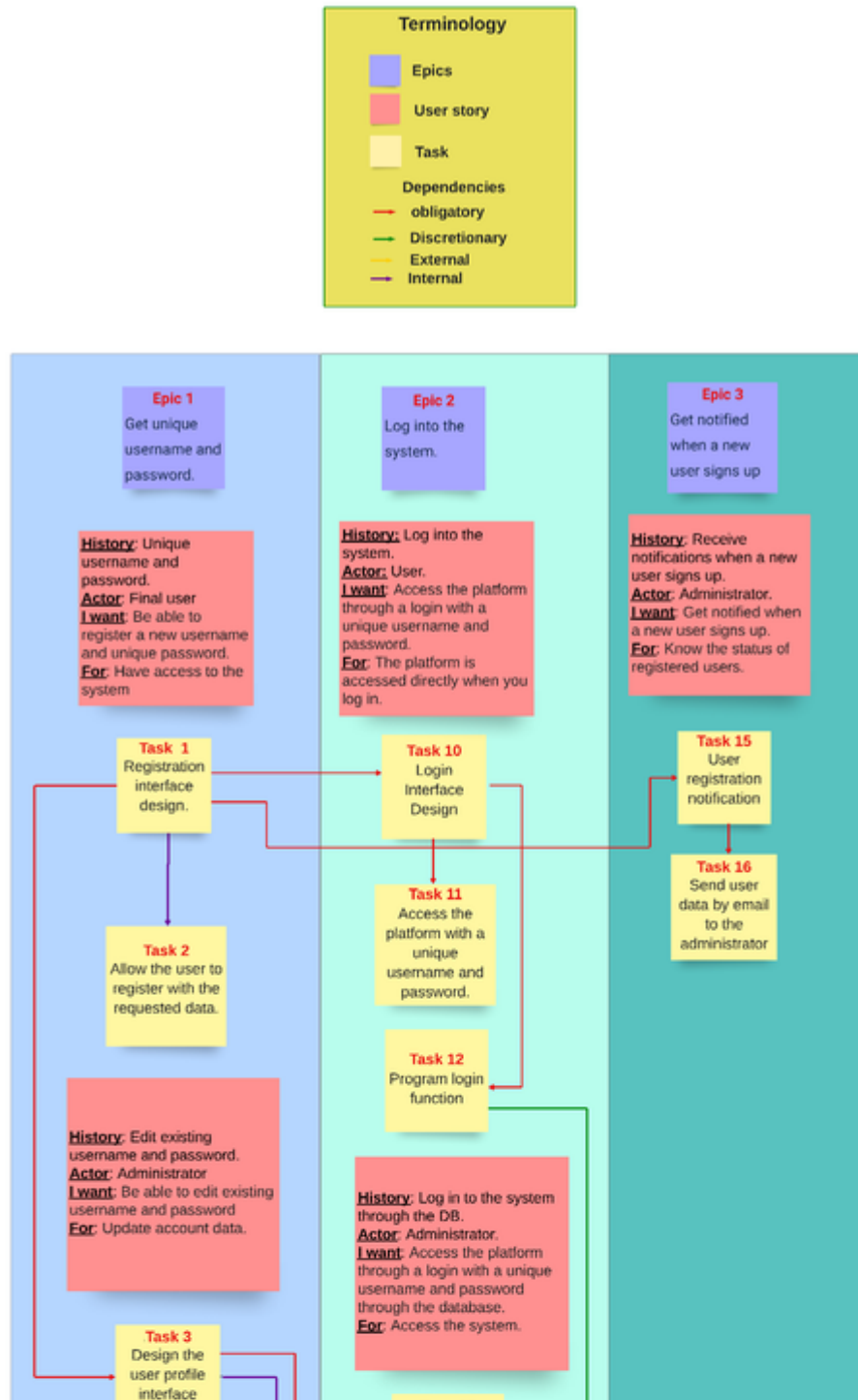
### Introduction

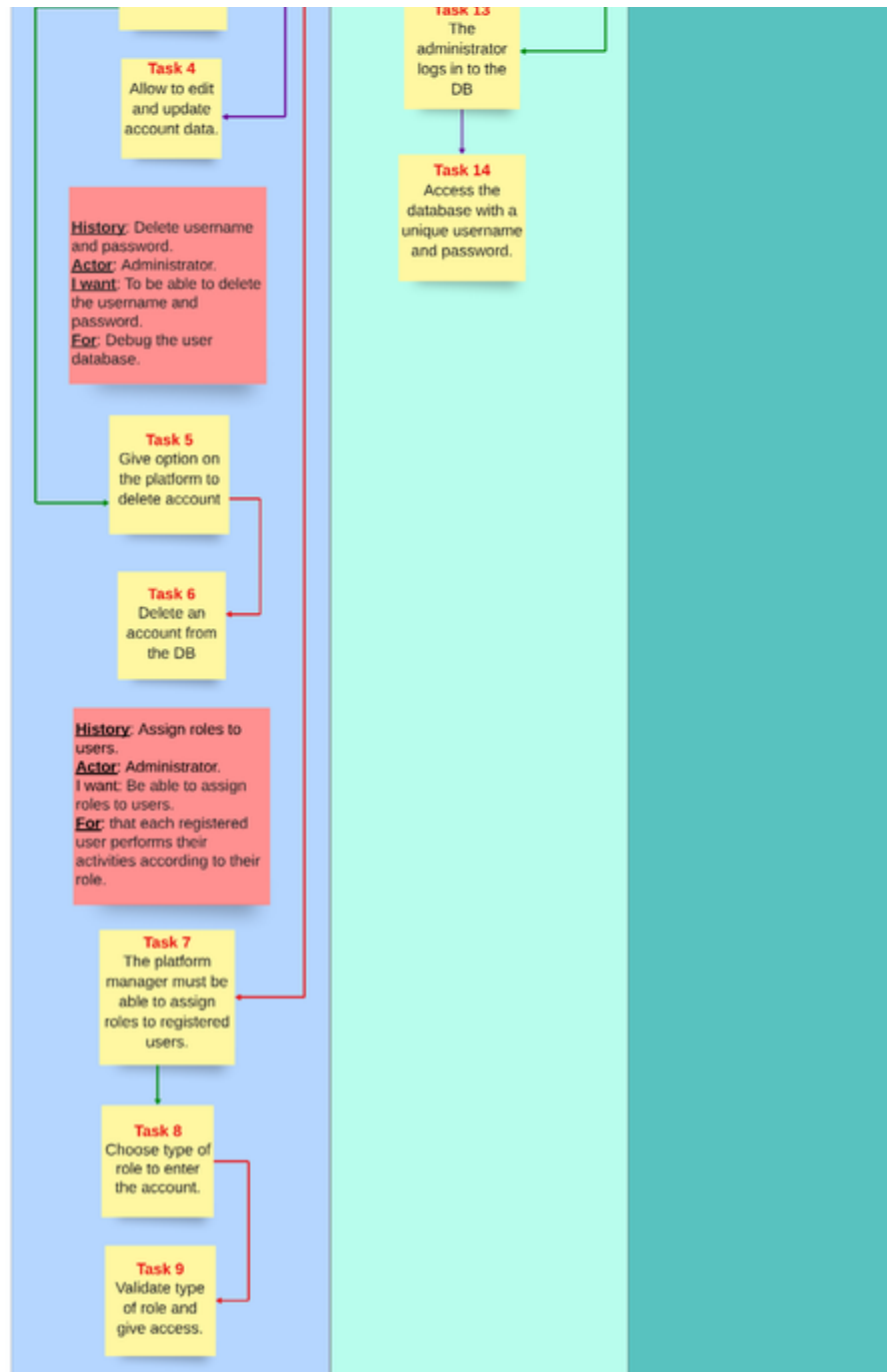
#### A3.4 Learning activity

Project documentation using the Scrum framework for the planning and estimation phase.

Developing

#### Tasks for each user story and dependencies

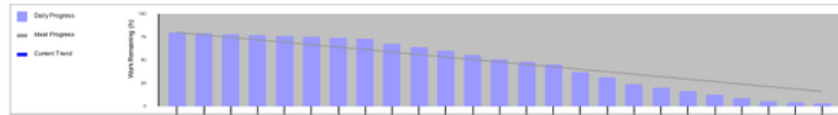




Sprint backlog with tasks estimated in hours and Burn down chart of the sprint

Project's name:	Certificate
Project Owner:	Garza Aguilar Sergio Alberto
Project manager:	Hernandez Fernandez Diana

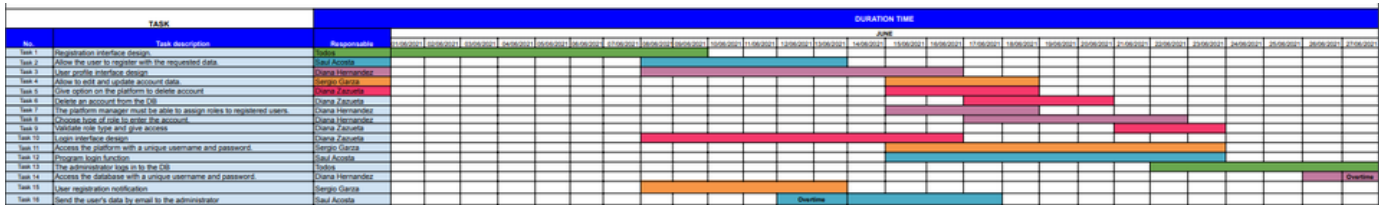
### Sprint 1 Backlog



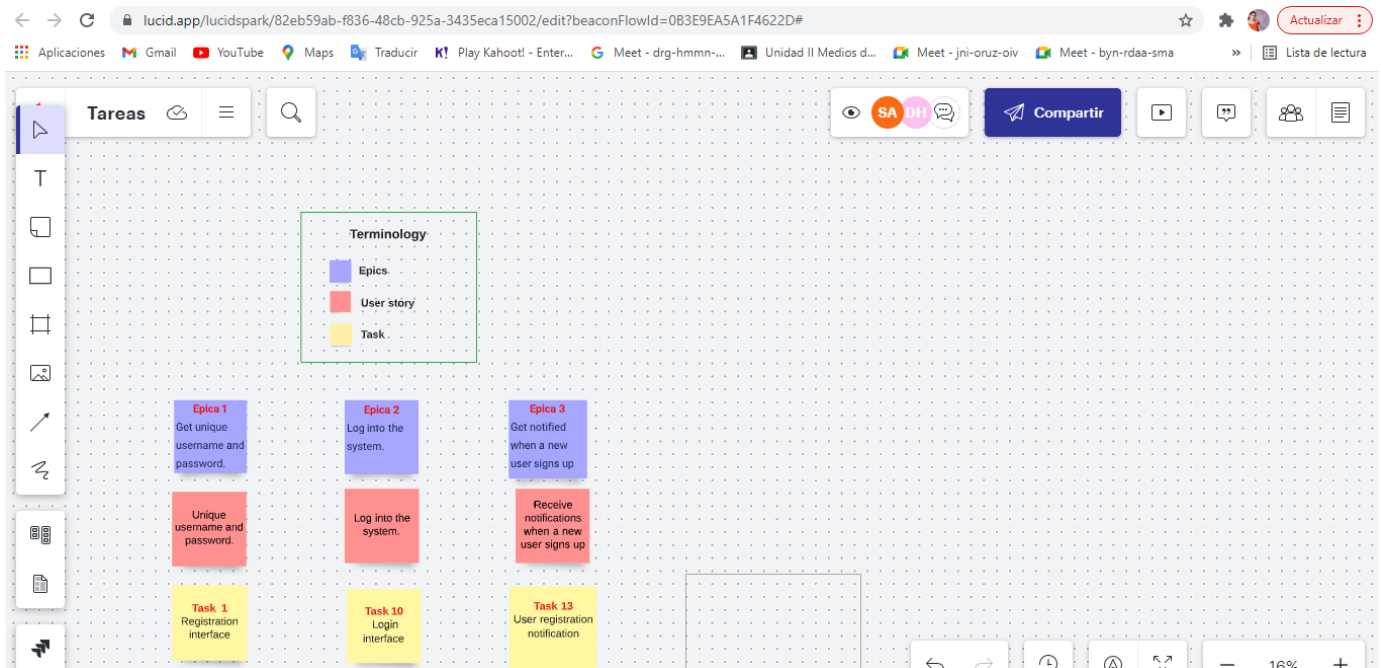
Sprint duration: 30			Effort																																	
Trend calculated in the last: Homework			History ID	Days Responsible	Totals	State	Est.	80	80	79	78	77	76	75	74	73	68	64	60	56	51	48	45	37	31	24	20	16	13	9	5	4	3	2		
Homework ID																																				
1.1 Tarea1			HU1-1	Todos	To do done	8	8	7	6	5	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1.2 Tarea2			HU1-2	Saul Acosta	To do done	5	5	5	5	5	5	5	5	5	5	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.3 Tarea3			HU1-3	Diana Hernandez	To do done	8	8	8	8	8	8	8	8	8	7	6	5	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1.4 Tarea4			HU1-4	Sergio Garza	To do done	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	0	0	0	0	0	0	0	0	0	0	
1.5 Tarea5			HU1-5	Diana Zazueta	To do done	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	0	0	0	0	0	0	0	0	0	0	
1.6 Tarea6			HU1-6	Diana Zazueta	To do done	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	0	0	0	0	0	0	0	0	
1.7 Tarea7			HU1-7	Diana Hernandez	To do done	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	0	0	0	0	0	0	0	0	0	
1.8 Tarea8			HU1-8	Diana Hernandez	To do done	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	3	2	1	0	0	0	0	0	
1.9 Tarea9			HU1-9	Diana Zazueta	To do done	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	0	0	0	0	
2.1 Tarea10			HU2-1	Diana Zazueta	To do done	8	8	8	8	8	8	8	8	8	8	7	6	5	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2.2 Tarea11			HU2-2	Sergio Garza	To do done	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	6	5	4	3	2	1	0	0	0	0	0	0	
2.3 Tarea12			HU2-3	Saul Acosta	To do done	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	6	5	4	3	2	1	0	0	0	0	0	0	
3.1 Tarea13			HU3-1	Todos	To do done	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	3	2	1	0	
3.2 Tarea14			HU3-2	Diana Hernandez	To do done	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
3.3 Tarea15			HU3-3	Sergio Garza	To do done	5	5	5	5	5	5	5	5	5	5	5	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.4 Tarea16			HU3-4	Saul Acosta	To do done	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0

Saul Acosta	Hours worked =	31	Overtime =	2
Sergio Garza	Hours worked =	29	Overtime =	0
Diana Hernandez	Hours worked =	30	Overtime =	1
Diana Zazueta	Hours worked =	29	Overtime =	0

### Gantt diagram



## 2. Visual and graphical tools within the sprint planning meeting.



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	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
1																							
2																							
3	Project's name:	Certificate																					
4	Project Owner:	Garza Aquilar Sergio Alberto																					
5	Project manager:	Hernandez Fernandez Diana																					
6																							
7																							
8	Sprint 1 Backlog																						
9																							
10																							
11																							
12																							
13																							
14																							
15																							
16	Sprint duration:	30																					
17	Trend calculated in the last:	30																					
18	Homework	History ID	Days	Totals	Effort	227	211	197	183	170	157	145	135	123	114	105	96	87	77	68	59	50	41
19		Responsible	State		Est	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

Explorar

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To be done	In Progress	completed
<div>+</div> <div>Epic 1 Get unique username and password.</div> <div>History: Unique username and password. Actor: Final user I want: Be able to register a new username and unique password. For: Have access to the system</div> <div>Task 1 Registration interface design.</div> <div>Task 2 Allow the user to register with the requested data.</div> <div>History: Edit existing username and password. Actor: Administrator I want: Be able to edit existing username and password.</div>	<div>+</div>	<div>+</div>

History: Log into the system. Actor: User. I want: Access the platform through a login with a unique username and password. For: The platform is accessed directly when you log in.

19 min

History: Edit existing username and password. Actor: Administrator I want: Be able to edit existing username and password For: Update account data.  
5 sec

### Eric 2 Log into the system

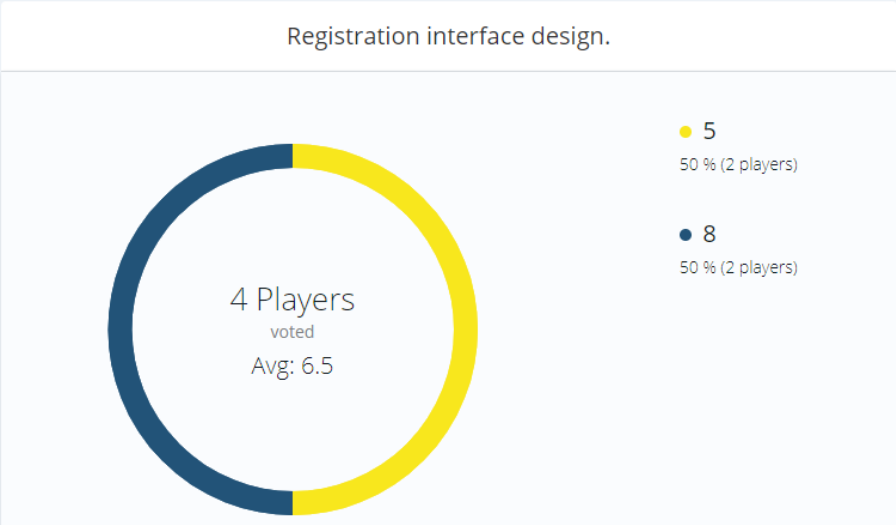
calendar

### ⌚ Postponed tasks

There are no postponed tasks. 

To postpone the task, right-click and select "Postpone To".

Estimate

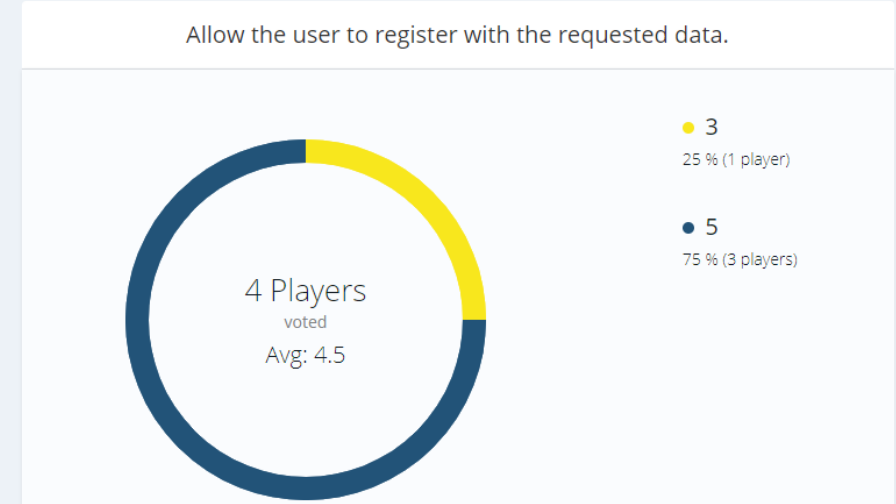


Story voting completed

Players: 00:27:12

Zazueta Lopez D...	00:26:54	8
Saul Eduardo	00:27:00	5
Sergio	00:27:05	8
diana.hernandez...	00:27:06	5

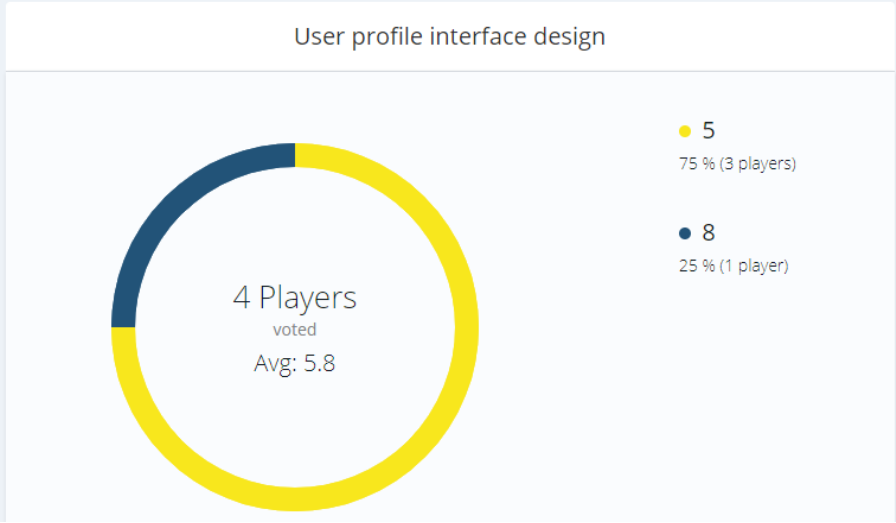
Estimate



Story voting completed

Players: 00:27:59

Zazueta Lopez D...	00:27:29	5
Saul Eduardo	00:27:35	5
Sergio	00:27:41	3
diana.hernandez...	00:27:56	5



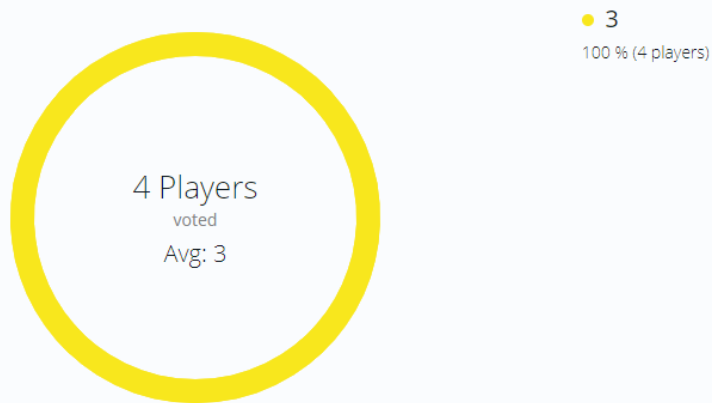
Story voting completed

Players: 00:28:19

Zazueta Lopez D...	00:28:09	5
Saul Eduardo	00:28:14	8
Sergio	00:28:08	5
diana.hernandez...	00:28:17	5





## Estimate

Allow to edit and update account data.



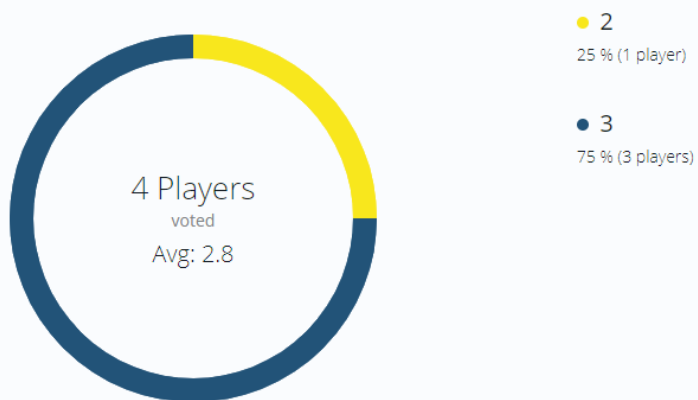
Story voting completed

Players: ⌚ 00:29:44

	Zazueta Lopez D... ✓ 00:28:39	3
	Saul Eduardo ✓ 00:28:44	3
	Sergio ✓ 00:28:35	3
	diana.hernandez... ✓ 00:29:37	3





## Estimate

Give option on the platform to delete account



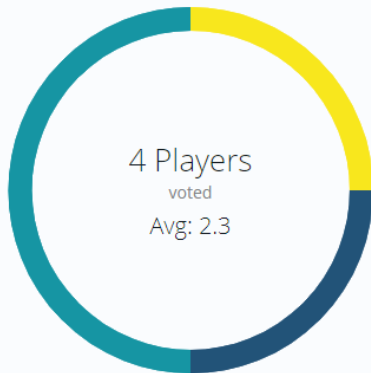
Story voting completed

Players: ⌚ 00:30:33

	Zazueta Lopez D... ✓ 00:29:57	3
	Saul Eduardo ✓ 00:30:16	2
	Sergio ✓ 00:30:31	3
	diana.hernandez ✓ 00:30:14	3

## Estimate





Delete an account from the DB



- 1  
50 % (2 players)
- 2  
25 % (1 player)
- 3  
50 % (2 players)

Story voting completed

Players: ⌚ 03:10:34

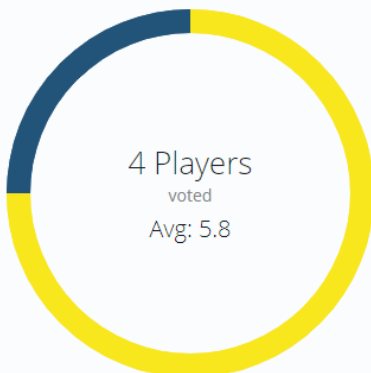
	Zazueta Lopez D... ✓ 03:10:19	1
	HERNANDEZ FERNA... ✓ 03:10:18	3
	Sergio ✓ 03:10:18	3
	saul eduardo ✓ 03:10:23	2

Clear Votes

Next Story

## Estimate





The platform manager must be able to assign roles to registered users.



- 5  
75 % (3 players)
- 8  
25 % (1 player)

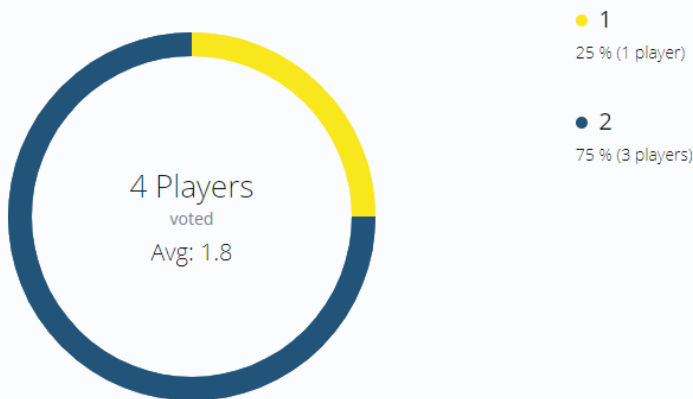
Story voting completed

Players: ⌚ 00:31:23

	Zazueta Lopez D... ✓ 00:30:52	5
	Saul Eduardo ✓ 00:31:07	8
	Sergio ✓ 00:30:45	5
	diana.hernandez ✓ 00:31:21	5





Estimate

Choose type of role to enter the account.



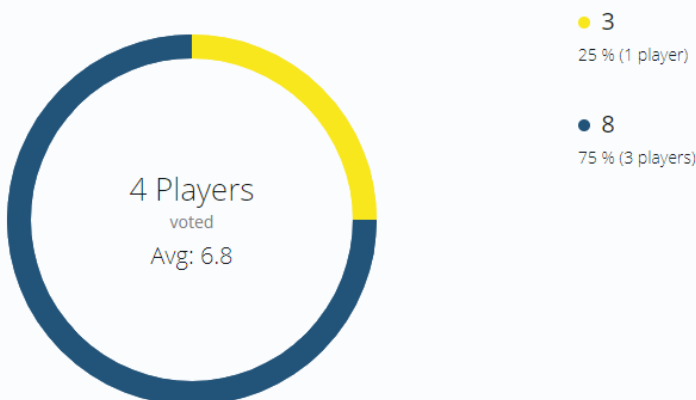
Story voting completed

Players: 00:32:06

	Zazueta Lopez D... 00:31:31	✓	1
	Saul Eduardo 00:31:44	✓	2
	Sergio 00:31:36	✓	2
	diana.hernandez 00:32:03	✓	2





Estimate

Validate role type and give access



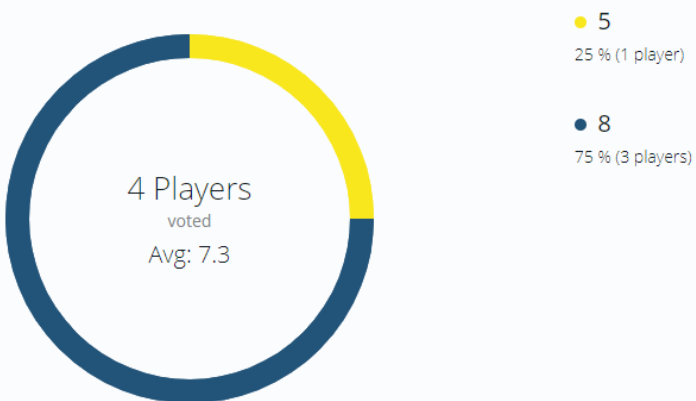
Story voting completed

Players: 00:03:28

	Zazueta Lopez D... 00:02:18	✓	8
	HERNANDEZ FERNA... 00:02:11	✓	8
	Sergio 00:03:18	✓	3
	saul eduardo 00:02:23	✓	8





Estimate

Login interface design



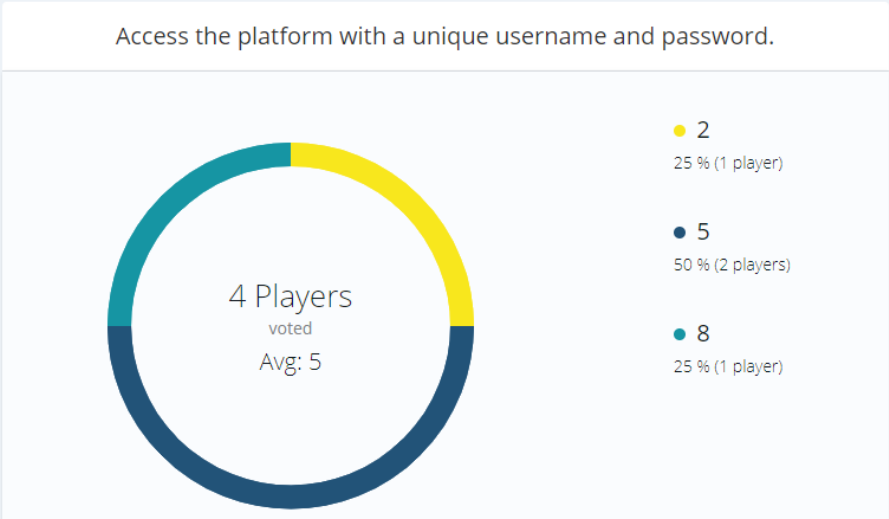
Story voting completed

Players: 00:32:35

	Zazueta Lopez D... 00:32:08	✓	8
	Saul Eduardo 00:32:32	✓	5
	Sergio 00:32:26	✓	8
	diana.hernandez 00:32:25	✓	8



Estimate

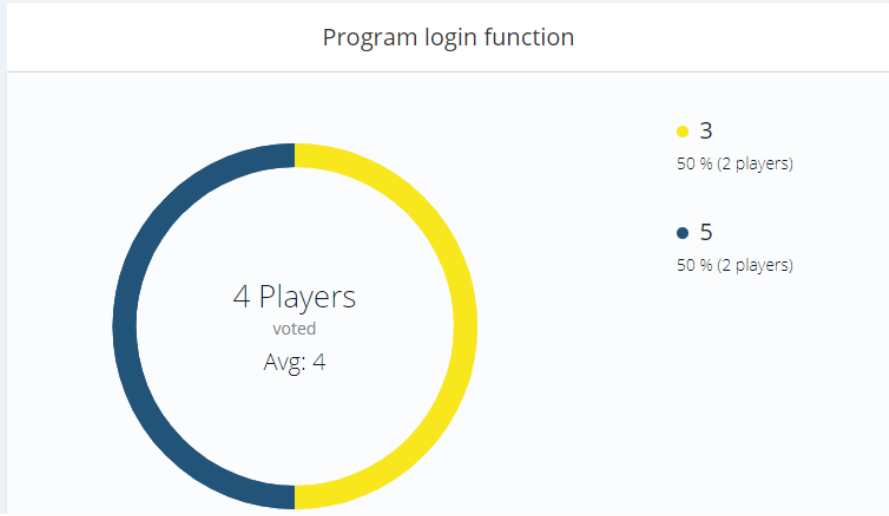


Story voting completed

Players: 00:33:15

Zazueta Lopez D...	00:32:47	5
Saul Eduardo	00:32:56	8
Sergio	00:32:48	2
diana.hernandez	00:32:52	5

Estimate

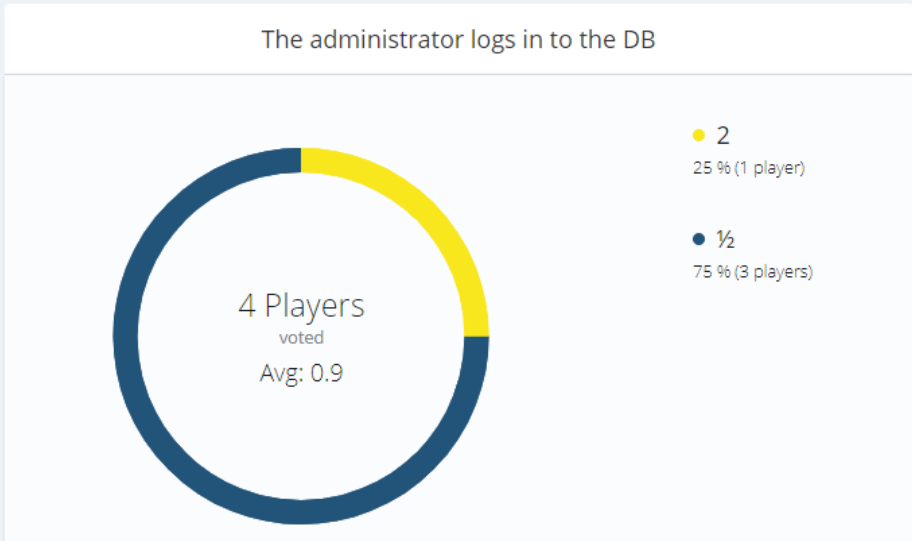


Story voting completed

Players: 00:33:48

Zazueta Lopez D...	00:33:23	3
Saul Eduardo	00:33:34	5
Sergio	00:33:34	5
diana.hernandez	00:33:46	3

Estimate

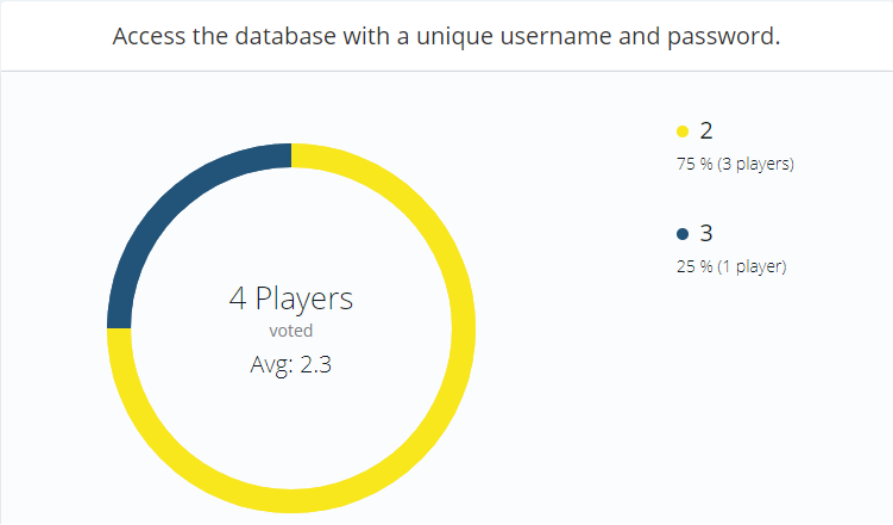


Story voting completed

Players: 00:05:28

Zazueta Lopez D...	00:05:19	1/2
HERNANDEZ FERNA...	00:05:26	2
saul eduardo	00:05:22	1/2
Sergio	00:05:25	1/2

Estimate

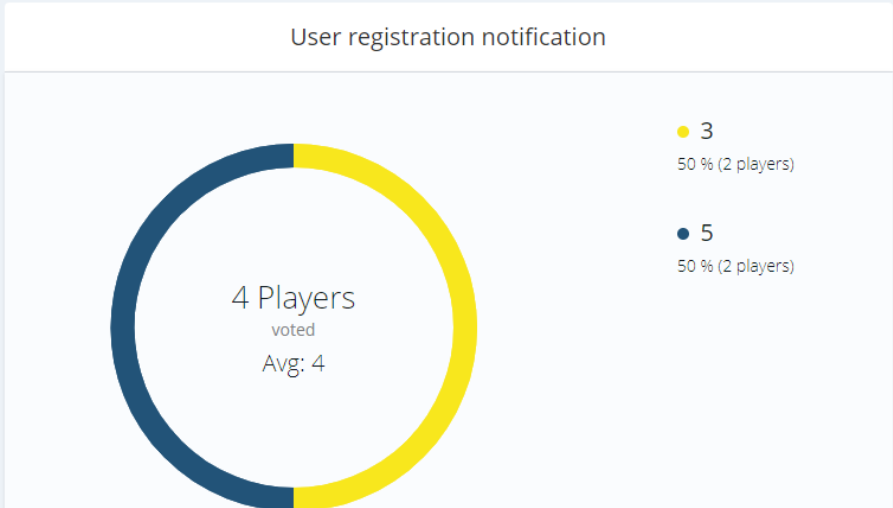


Story voting completed

Players: 00:34:18

Zazueta Lopez D...	00:34:08	2
Saul Eduardo	00:34:07	2
Sergio	00:33:58	3
diana.hernandez	00:34:15	2

Estimate

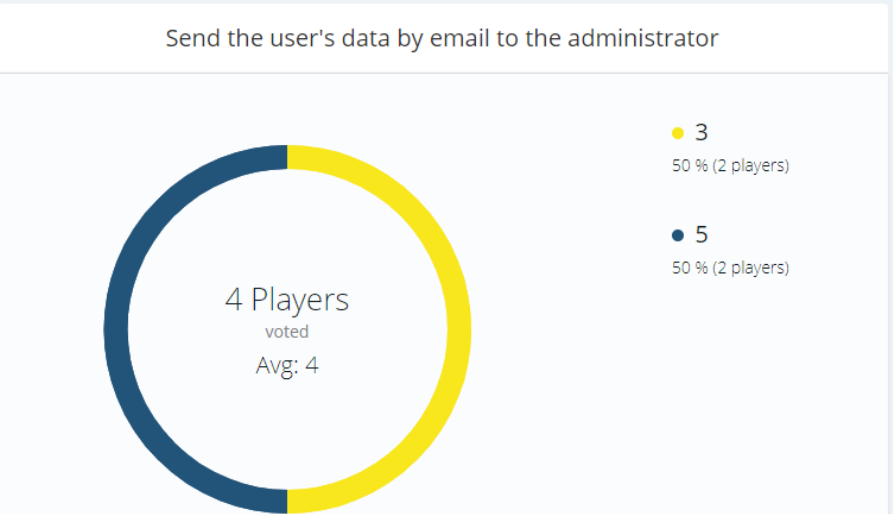


Story voting completed

Players: 00:34:32

Zazueta Lopez D...	00:34:20	5
Saul Eduardo	00:34:29	3
Sergio	00:34:25	3
diana.hernandez	00:34:28	5

Estimate

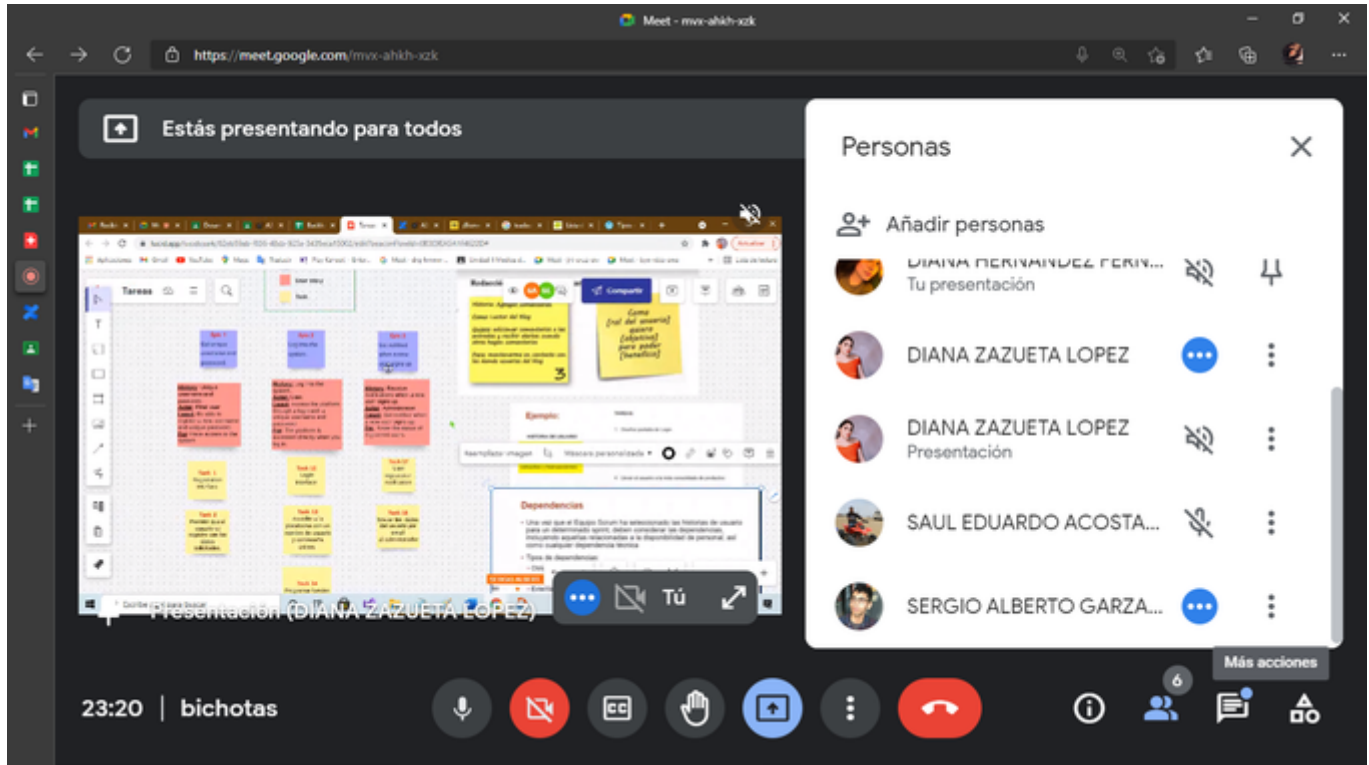


Story voting completed

Players: 00:35:12

Zazueta Lopez D...	00:34:41	5
Saul Eduardo	00:34:49	3
Sergio	00:35:10	3
diana.hernandez	00:35:07	5

### 3. Evidence that shows that we meet to develop the team activity.



Name	Conclusion
Acosta Noriega Saúl Eduardo	This task mainly consists of carrying out the sprint of our project, in which we create the user stories in the same way, we estimate the time in hours which is the time it will take to complete them, which was done with a web page for greater precision.
Garza Aguilar Sergio Alberto	In this phase of the methodology we have been able to take the previously established tasks to manage our first spring, by doing this we were able to formally establish the times that will be followed during the execution process of each task, in the long term we graph the ideal way in which development must behave. In this case, there are tasks that are monitored and dependencies have been connected giving priority as well as knowing which tasks need to be completed to move forward. As a result we have specified diagrams of each task, times, personnel in charge of each, a list to start and review with the scheduled meetings.
Hernandez Fernandez Diana	In the planning and estimation phase: Artifacts, the tasks were identified to be able to estimate them according to our case study "courses and certifications" through an online platform. In the same way, we met at meet to give our points of view and observations on the epics. From the first spring which were used to carry out this activity, there is where the tasks that were used were taken, likewise in a sprint backlog the time of the work that is planned to be done during the sprint was measured where the work was made visible performed by each member of the development team.
Zazueta Lopez Diana	To finalize the Scrum framework, I do not help in our project of courses and certifications to estimate and plan since it is essential when facing projects where the product needs a significant degree of creativity and / or innovation.

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