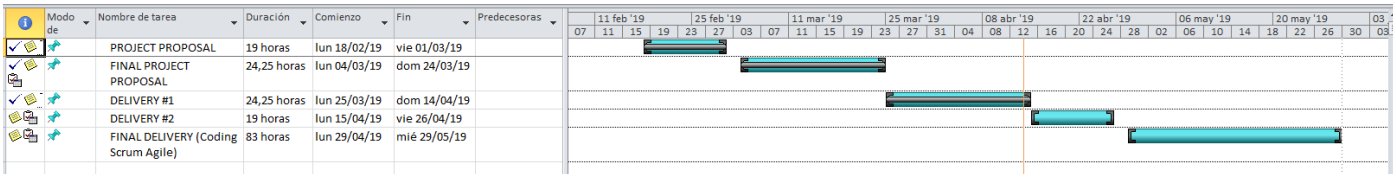
Project Planning: Gantt (classic) & Scrum (agile)

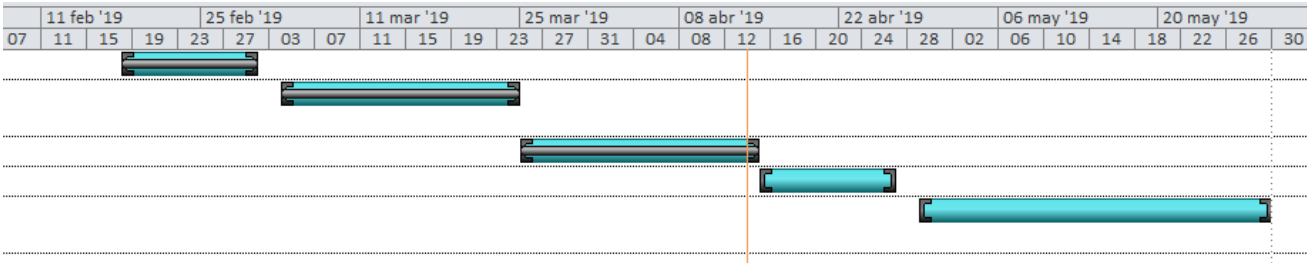
This Project Planning has been made in both methodologies: classic (Microsoft® Project) and agile (Atlassian® Jira + Scrum Poker).



	Modo de	Nombre de tarea	Duración	Comienzo	Fin	Predecesoras
1		PROJECT PROPOSAL	19 horas	lun 18/02/19	vie 01/03/19	
2		FINAL PROJECT PROPOSAL	24,25 horas	lun 04/03/19	dom 24/03/19	
3		DELIVERY #1	24,25 horas	lun 25/03/19	dom 14/04/19	
4		DELIVERY #2	19 horas	lun 15/04/19	vie 26/04/19	
5		FINAL DELIVERY (Coding Scrum Agile)	83 horas	lun 29/04/19	mié 29/05/19	

Gantt - tasks

Gantt - diagram



* We have expanded the coding task 5 in an agile methodology with Atlassian® Jira (see later in this document).

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Tareas de nivel superior el dom 14/04/19
ocikitos

Id	Modo de tarea	Nombre de tarea	Duración	Comienzo	Fin	% completado
1	Programada r	PROJECT PROPOSAL	19 horas	lun 18/02/19	vie 01/03/19	100%
		Title, purposes Functional and non-functional requirements Mockups or wireframes				
2	Programada r	FINAL PROJECT PROPOSAL	24,25 horas	lun 04/03/19	dom 24/03/19	100%
		Any changes in the initial project proposal				
3	Programada r	DELIVERY #1	24,25 horas	lun 25/03/19	dom 14/04/19	100%
		Title, purposes Functional and non-functional requirements Use Case diagram and their textual description Database (Entity-relation diagram and relational model) Description of the project methodology used (Agile or classic approaching) Project planning (dates, tasks/product backlog, resources/effort points, GANTT/sprints+burndown chart)				
4	Programada r	DELIVERY #2	19 horas	lun 15/04/19	vie 26/04/19	0%
		Any changes in previous documents already delivered Class diagram Test cases and test data				
5	Programada r	FINAL DELIVERY (Coding Scrum A	83 horas	lun 29/04/19	mié 29/05/19	0%
		Final version of the application: 1. Final Documentation 2. Final Code FINAL DOCUMENTATION 35% Functional and non-functional requirements. Use case diagram and their textual description Test cases and test data Class diagram Entity relation diagram and relational model Description of the methodology used (Agile or classic approaching) Project planning (dates, tasks/product backlog, resources/effort points, GANTT/sprints+burndown chart) Project memo: initial planning, diary log, problems and solutions, final conclusions. Correspondence with initial functionalities Innovation Installation Guide SOURCE CODE 40% OOP: encapsulation, inheritance and polymorphism Multilayered design (e.g. MVC) Internal documentation Visual Aspect. UX (User eXperience) and UI (User Interface) design. PRESENTATION 25% Effectiveness of presentation Accurate answers. Strong knowledge of the whole application Working Demo				

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Gantt – calendar

The working time values of the Proven1 calendar have been used for stages 1,2,3 and 4 (without specific time for project in teaching hours) and specifications of the Proven 2 calendar for stage 5 with time in class for project.

CALENDARIO BASE:	Proven1
Día	Horas
lunes	18:15 - 18:45, 21:30 - 22:00
martes	18:15 - 18:45, 21:30 - 22:00
miércoles	18:15 - 18:45, 20:45 - 21:30
jueves	18:15 - 18:45, 21:30 - 22:00
viernes	18:15 - 18:45
sábado	No laborable
domingo	No laborable
Excepciones:	Ninguna

CALENDARIO BASE:	Proven2
Día	Horas
lunes	15:15 - 18:15, 18:45 - 21:30
martes	15:15 - 18:15
miércoles	No laborable
jueves	15:15 - 18:15, 18:45 - 21:30
viernes	15:15 - 18:15
sábado	No laborable
domingo	No laborable
Excepciones:	
Fecha	Horas
lun 29/04/19 - mar 30/04/19	No laborable
mié 01/05/19	No laborable

Gantt - costs

The project costs will be determined in the final delivery when we have evaluated all the resources directly and indirectly dedicated.

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Sprints Planning

We are going to do 4 sprints, and each sprint is going to take 1 week.

First, the Product Backlog (this is, the User Stories) is created at Atlassian® Jira.

Product Backlog

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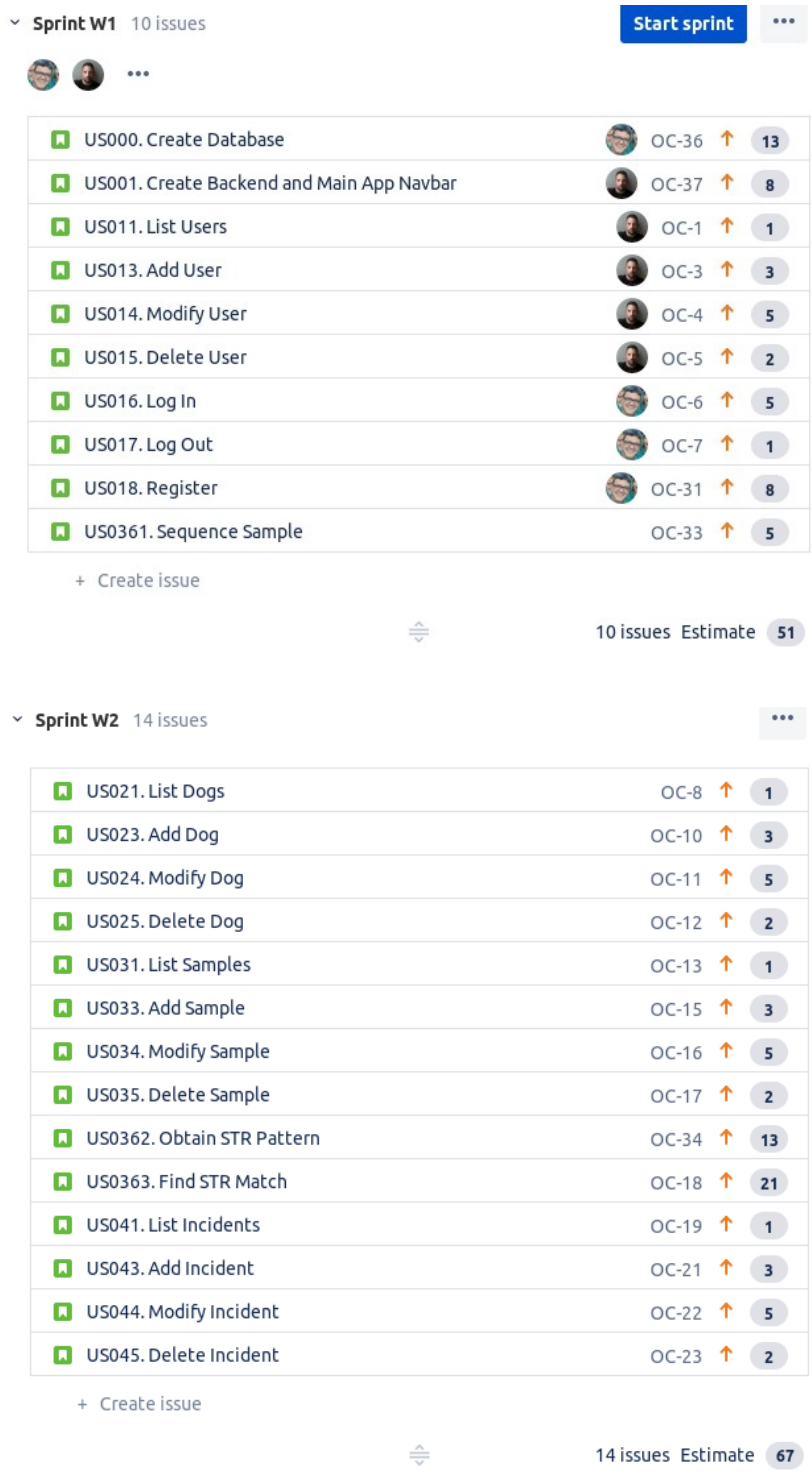
Sprints



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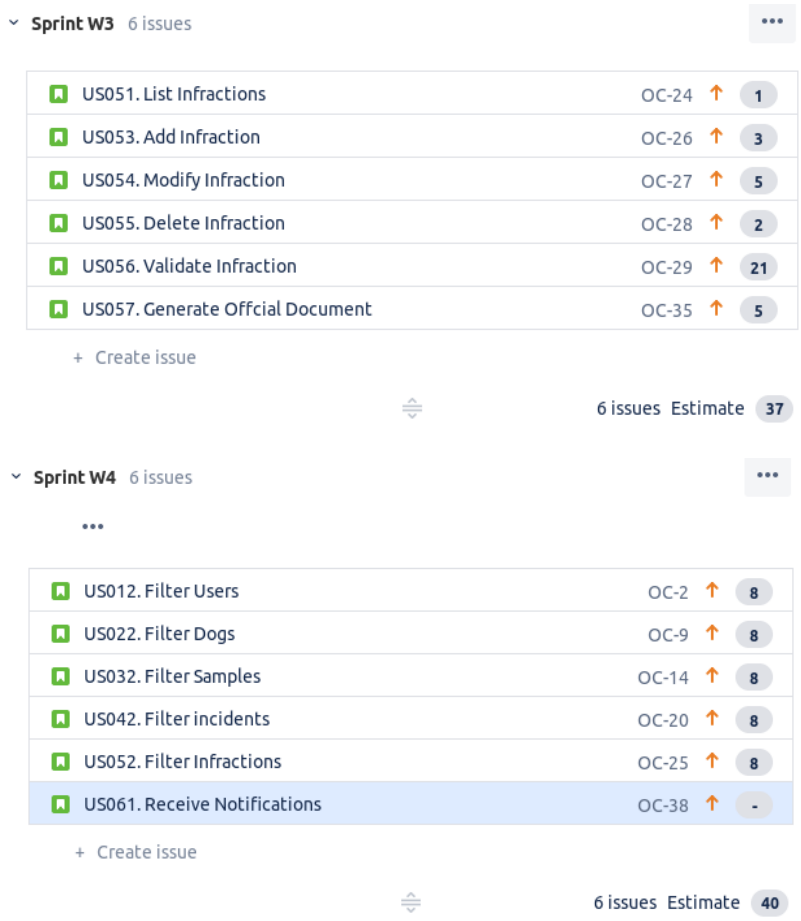
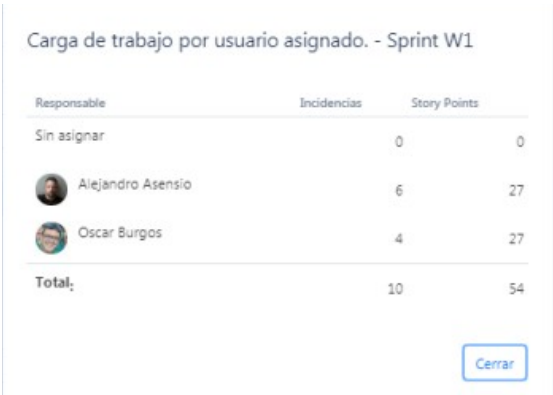


Effort points

Out of a total of 194 points of effort we have estimated an approximate average of 50 weekly to have finished the project.

We have estimated that the first sprint will be on 28/04/2019 at 05/05/2019, with 54 effort points and tasks assigned in the following way.



We can not evaluate the burndown chart since we have not started the first sprint. From the first sprint we will make the daily meeting (daily scrum) to follow up and expose the problems that arise. At the end of the sprint we will do the sprint review to see the finished tasks and we will do a retrospective sprint where we will evaluate the improvements for the following sprints.