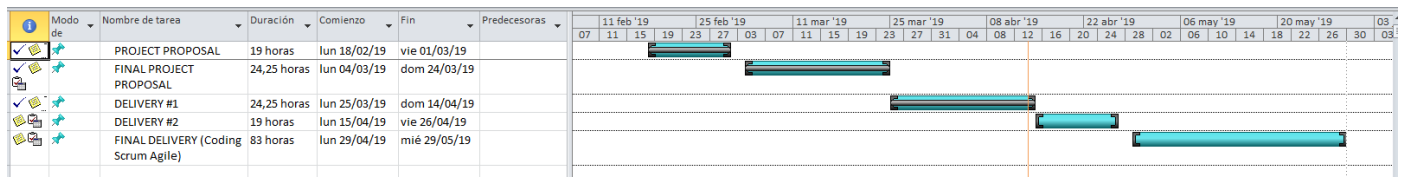


Project planning – Gantt & Scrum agile

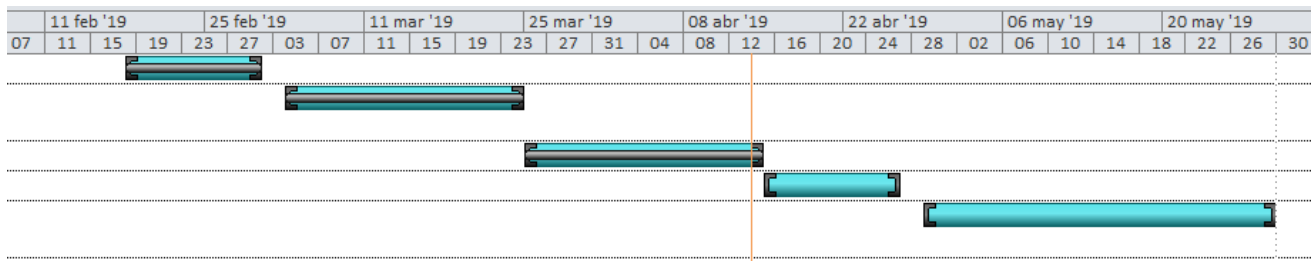
We have carried out the project project with MS Project.



Gantt - tasks

		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 - diagram



* We have expanded the coding task 5 in an agile management by Jira (page. 3)

Project planning – Gantt & Scrum agile

Tareas de nivel superior el dom 14/04/19 ocikitos						
Id	Modo de tarea	Nombre de tarea	Duración	Comienzo	Fin	% completado
1	Programada	PROJECT PROPOSAL Title, purposes Functional and non-functional requirements Mockups or wireframes	19 horas	lun 18/02/19	vie 01/03/19	100%
2	Programada	FINAL PROJECT PROPOSAL Any changes in the initial project proposal	24,25 horas	lun 04/03/19	dom 24/03/19	100%
3	Programada	DELIVERY #1 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)	24,25 horas	lun 25/03/19	dom 14/04/19	100%
4	Programada	DELIVERY #2 Any changes in previous documents already delivered Class diagram Test cases and test data	19 horas	lun 15/04/19	vie 26/04/19	0%
5	Programada	FINAL DELIVERY (Coding Scrum A) 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	83 horas	lun 29/04/19	mié 29/05/19	0%

Project planning – Gantt & Scrum agile

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.

Project planning – Gantt & Scrum agile

Agile project management carried out with Jira / Atlassian.

Sprint planning

First sprint of one week. (W1)

Backlog

Sprint W1

10 incidencias

Iniciar sprint

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Product Backlog

Backlog 25 incidencias		Crear sprint
US021. List dogs	OC-8	1
US022. Filter dogs	OC-9	8
US023. Add dog	OC-10	3
US024. Modify dog	OC-11	5
US025. Delete dog	OC-12	2
US031. List samples	OC-13	1
US032. Filter samples	OC-14	8
US033. Add sample	OC-15	3
US034. Modify sample	OC-16	5
US035. Delete sample	OC-17	2
US0361. Sequence sample	OC-33	5
US0362. Obtain STR pattern	OC-34	13
US0363. Find STR match	OC-18	21
US041. List Incidents	OC-19	1
US042. Filter incidents	OC-20	8
US043. Add Incident	OC-21	3
US044. Modify incident	OC-22	5
US045. Delete Incident	OC-23	2
US051. List infraction proposals	OC-24	1
US052. Filter infraction proposals	OC-25	8
US053. Add infraction proposal	OC-26	3
US054. Modify infraction proposal	OC-27	5
US055. Delete infraction proposal	OC-28	2
US056. Validate infraction proposal	OC-29	21
US057. Generate Official Document	OC-35	5



Project planning – Gantt & Scrum agile

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.

Carga de trabajo por usuario asignado. - Sprint W1

Responsable	Incidencias	Story Points
Sin asignar	0	0
 Alejandro Asensio	6	27
 Oscar Burgos	4	27
Total:	10	54

[Cerrar](#)

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.