DP2 - SPRINT 2 REPORTS

GI - 01

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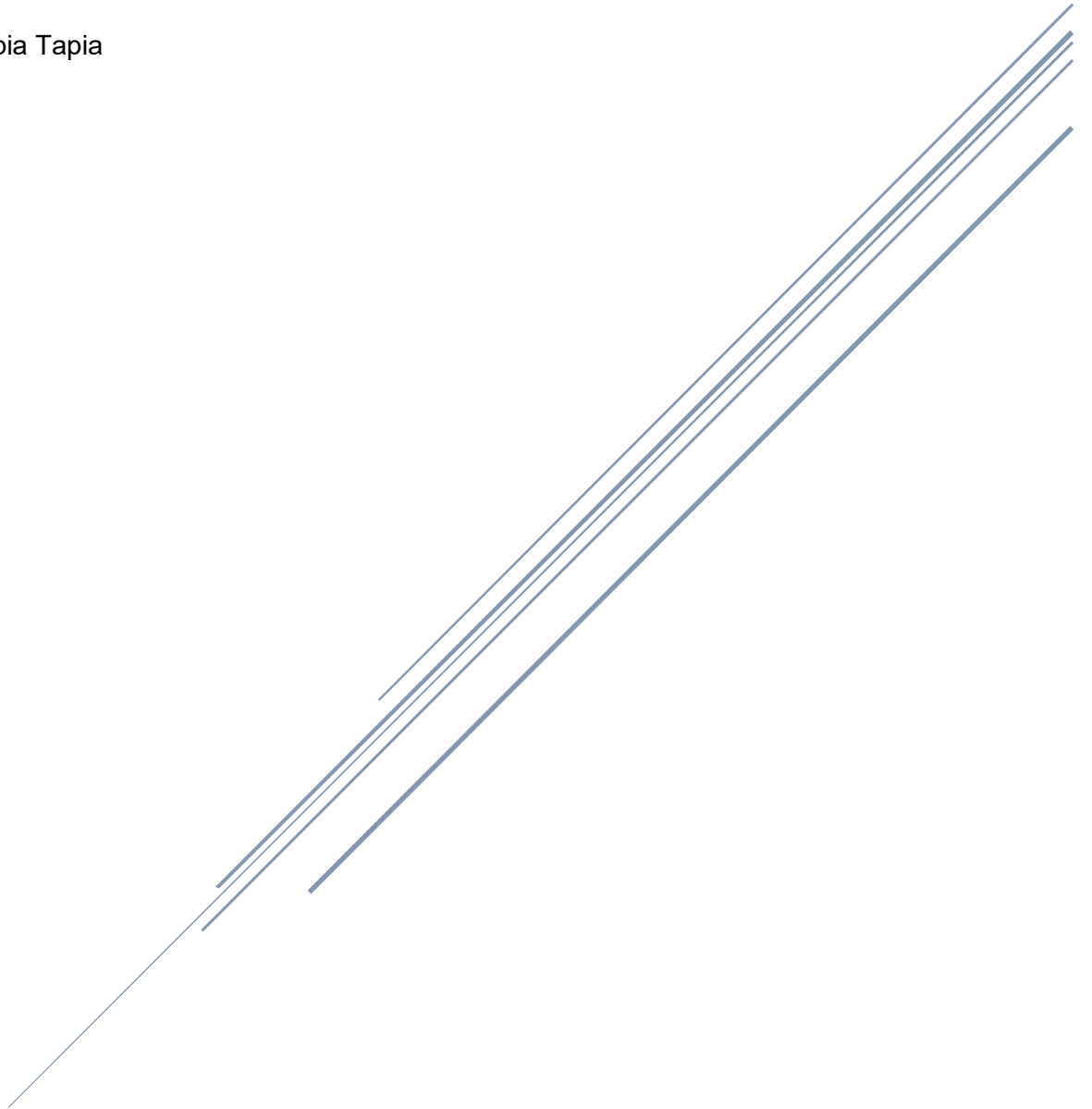Álvaro Rubia Tapia

Table of Contents

Alvaro's report

US-015	Vet plans interventions
US-016	Owners sees interventions
US-017	Owner sees vet's personal information
US-014	Vet schedules a new intervention

Since all my tasks required the creation of a new entity (Intervention), I started looking for entities already created inside the code of the project.

The creation of the entity itself was not challenging. but the relation between the others required some time: That is because at first Intervention was perceived as a child of visit, but once the parent child relation was implemented every functionality regarding visit was damaged, including my teammates work. We all agreed to change this relation so it would not bug others people work and so I recreate the entity.

Although it was not efficient with time, once I finish the rest of my team had already some code running so for some tasks I just needed to copy and apply to my entity. The US-015 only required a creation function and the US-016 a listing, the US-017 a show method t. US-014 was more challenging than the rest but either way I finished on schedule.

Testing was more challenging since it was the first time working with it, but as the US, some of my teammates had already implemented some code so I used it as a reference guide. Also it is worth mentioning that working online by Discord/Skype was very helpful for debugging and explaining things.

During this spring, the only stepback I had was the lack of knowledge about springboot that make me (and my team because some of them needed a few of my methods) lose time.

To achieve the maximum level we followed the teacher's guidance and implemented custom assertions with AssertJ. Surprisingly, it took no time to be resolved. We divided the entities to create assertions for between the team, I was responsible for the Owner and Intervention entities. The only problem I encountered was an errors with the imports, but when we figured out how to solved it the job was done in less than an hour.

US-015	10h 30m
US-016	4h 30m

US-017	4h 30m
US-014	3h 30m
Testing US	17h 30m
AssertJ	2h
Document	1m
Total	43h 30m

Yoana's report

I was in charge of implementing the following user stories:

- US-020: Unregistered user can see trainers
- US-019: Administrator manages trainers
- US-013: Administrator manages vets
- US-011: Vet manages homeless pets information

At first, I had to research a little about how the framework functions and how could I implement a functionality. I didn't dedicate specifically time to that, but rather learned it while I was implementing the user stories.

With the first three I didn't have any major problems but I did have to fix them a lot after dealing with their respective tests. I found out that some of the implementation wasn't as precise as it should and did some fixes on it.

In particular, the user story US-011 was not finished until some days before the delivery because it needed all other user stories implemented in order to complete it. I would say that this story wasn't planned very well because it took more time than it should have and included more functionalities than those planned. That's something to improve in future sprints. The rest of the training duties like rehab sessions and else were planned for my partner.

Alongside these user stories, I worked with Manuel to set up Travis and also, I integrated the API the whole group chose, Petfinder.

About the API, I had troubles getting the access token but after having done that it was all very intuitive. I have to say, Petfinder had a really understandable documentation. That helped for sure.

I did a little fix on the API integration after we had the follow-up session with the teacher on Tuesday 24th. The fix was about rearranging the entities because there was some inconsistency in what the API requests were returning.

And last but not least, we all took responsibility for the AssertJ part and divided the entities between all of us. I had to generate custom assertions for Trainer and Vet. Starting with AssertJ

I had some troubles with the imports and what it was generating but after fixing that, I tried the custom assertions on some of the tests and they worked perfectly fine.

In general, I think the work that I did is good. Some aspects like management could be improved because the workload in the first week of the sprint was nothing like the workload in the final one. But of course, it's a new methodology that I haven't been following these years and I'm not used to. With some more practice I'm sure my work will be more effective and organized.

The hours I've spent in each task are specified in this table:

TASK DESCRIPTION	HOURS SPENT
US - 020: Unregistered users can see trainers	1h 28m
US - 019: Administrator manages trainers	50m
US - 013: Administrator manages vets	5h 24m
US - 011: Vet manages homeless pet information	10h 16m
Testing all user stories	26h 30m
Travis set - up	1h 27m
API integration	7h 40m
AssertJ	2h 35m
Writing my part of this document	37m

Ivan's and Manuel's reports

US-001 Vets adds a new medicine	6h
US-002 Vets lists medicines	1h
US-003 Medical Record creation	5h
US-004 Owner sees pet's medical record	2h
US-005 Trainer has access to medical records	1h
US-006 Vet sees a pet's medical record	30 min
US-007 Vet prescribes medicines to a pet	3h
US-008 Pet type's medicine checking	45 min
Manuel's US testing	10h
Iván's US testing	4h
Travis set up	1h 30 min
Manuel's custom assertions	30 min
Iván's custom assertions	30 min
Documentation	40 min

In order to divide the job, Manuel and Ivan splitted the job in half, Manuel would focus on User Stories regarding Medicine and Iván would work in the ones that imply Medical Record.

As the creation of Medical Record depends on Medicine, Manuel started working in his US first, having he finished US-001 and US-002, Ivan started working in his own and from here onwards they worked more or less simultaneously.

Regarding conflicts and getting stuck, our firsts US toked more than they should had because we needed to get used to the new framework. Once that was archived, the work flowed faster and without many trouble. The same thing is applicable to the testing part, it was difficult to start but when the concept was understood, it became much easier.

We found the difficulty of the US somewhat unbalance. While none of them was excessively hard, ones were very easy and content-lacking whereas others were complex and could had been divided in more US.

In general, we think we did a good job. While is true that we got stuck a couple of times, and we had to ask for advice, at the end of the day we never stopped progressing and we got the things done before our self established timeline.

Diana's report

As for me, the most challenging part was Java itself and at first I had to make a bit of a research about it in general and specifically the syntax, before I started my parts, since I hadn't worked with Java before
.
I was in charge of implementing rehabilitation part, which means that trainers will be able to add a rehabilitation session for a certain pet. Those 3 entities - visit, intervention and rehabilitation have similar concept, so it was easier to understand how it works in general. The problem I faced while implementing US-021 was that at first, the newly added rehabilitation wasn't saved in the database, and it took me the longest to understand why is it so and to fix that problem, because it didn't show up as an error.

The other implemented user story, US-022, was smaller one, therefore after US-021 it maybe did not seem to take that much time.
I still have left 3 user stories to implement, that are much smaller in amount than those first 2 I did, and the testing part.

In general, I can say that the part of the project i have done up until now took me longer than I expected, but it is normal, as it is impossible to foresee bugs and misunderstandings that may occur during the coding. I think that all my teammates did a really good job in their parts of the project as they did more than required, so I need to catch up on my parts too.

TASK DESCRIPTION	HOURS SPENT
US-021 Training sessions organization	12,5
US-022 Trainer plans rehabilitation sessions	3
US-021 Testing	6
TOTAL	21,5